

Digital inverter 3phase**Engineering
DataBook****Outdoor Unit****RAV-GM1102AT8W-E****RAV-GM1402AT8W-E****RAV-GM1602AT8W-E****RAV-GM1102AT8W-TR****RAV-GM1402AT8W-TR****RAV-GM1602AT8W-TR**

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1 System line up

1-1. Single line up

Outdoor unit line up

Model name	RAV-GM1102AT8W-E/TR RAV-GM1402AT8W-E/TR RAV-GM1602AT8W-E/TR
Appearance	

Indoor unit line up

Indoor unit type	Model name	
	Indoor unit	Outdoor unit
4-way cassette	RAV-HM1101UTP-E/TR	RAV-GM1102AT8W-E/TR
	RAV-HM1401UTP-E/TR	RAV-GM1402AT8W-E/TR
	RAV-HM1601UTP-E/TR	RAV-GM1602AT8W-E/TR
Ducted	RAV-HM1101BTP-E/TR	RAV-GM1102AT8W-E/TR
	RAV-HM1401BTP-E/TR	RAV-GM1402AT8W-E/TR
	RAV-HM1601BTP-E/TR	RAV-GM1602AT8W-E/TR
Ceiling	RAV-HM1101CTP-E/TR	RAV-GM1102AT8W-E/TR
	RAV-HM1401CTP-E/TR	RAV-GM1402AT8W-E/TR
	RAV-HM1601CTP-E/TR	RAV-GM1602AT8W-E/TR
High wall	RAV-HM1101KRTP-E/TR	RAV-GM1102AT8W-E/TR
Floor standing	RAV-HM1101FT-E/TR	RAV-GM1102AT8W-E/TR
	RAV-HM1401FT-E/TR	RAV-GM1402AT8W-E/TR
	RAV-HM1601FT-E/TR	RAV-GM1602AT8W-E/TR

Indoor unit type	Model name	Unit	HP equivalent	Capacity type		Outdoor unit
				56	80	
4-way cassette	RAV-HM561UTP-E/TR	2	2.0	56	-	RAV-GM1102AT8W-E/TR
Compact 4-way cassette	RAV-HM561MUT-E/TR	2	2.0	56	-	
Ducted	RAV-HM561BTP-E/TR	2	2.0	56	-	
Ceiling	RAV-HM561CTP-E/TR	2	2.0	56	-	
High wall	RAV-HM561KRTP-E/TR	2	2.0	56	-	
Floor standing	RAV-HM561FT-E/TR	2	2.0	56	-	
4-way cassette	RAV-HM801UTP-E/TR	2	3.0	-	80	RAV-GM1402AT8W-E/TR
Ducted	RAV-HM801BTP-E/TR	2	3.0	-	80	
Ceiling	RAV-HM801CTP-E/TR	2	3.0	-	80	
High wall	RAV-HM801KRTP-E/TR	2	3.0	-	80	
Floor standing	RAV-HM801FT-E/TR	2	3.0	-	80	
4-way cassette	RAV-HM801UTP-E/TR	2	3.0	-	80	RAV-GM1602AT8W-E/TR
Ducted	RAV-HM801BTP-E/TR	2	3.0	-	80	
Ceiling	RAV-HM801CTP-E/TR	2	3.0	-	80	
High wall	RAV-HM801KRTP-E/TR	2	3.0	-	80	
Floor standing	RAV-HM801FT-E/TR	2	3.0	-	80	

Indoor unit type	Model name	Unit	HP equivalent	Capacity type	Outdoor unit
				56	
4-way cassette	RAV-HM561UTP-E/TR	3	2.0	56	RAV-GM1602AT8W-E/TR
Compact 4-way cassette	RAV-HM561MUT-E/TR	3	2.0	56	
Ducted	RAV-HM561BTP-E/TR	3	2.0	56	
Ceiling	RAV-HM561CTP-E/TR	3	2.0	56	
High wall	RAV-HM561KRTP-E/TR	3	2.0	56	
Floor standing	RAV-HM561FT-E/TR	3	2.0	56	

2 Outdoor unit

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2-1. Specifications

4-way cassette
<Single type>

Model				Indoor unit		RAV-HM	1101UTP-E/TR	1401UTP-E/TR	1601UTP-E/TR
				Outdoor unit		RAV-GM	1102AT8W-E/TR	1402AT8W-E/TR	1602AT8W-E/TR
Cooling capacity					(kW)		9.5 (3.0 - 11.2)	12.1 (3.0 - 13.2)	14.0 (3.0 - 15.0)
Heating capacity					(kW)		11.2 (3.0 - 13.0)	13.0 (3.0 - 16.0)	16.0 (3.0 - 18.0)
Power supply					Phase- Hz-V		3 - 50 - 400 (380 - 415)		
Electrical characteristics	Cooling	Running current		380 V - 415 V	(A)	4.47 - 4.10	6.32 - 5.79	7.99 - 7.31	
		Power consumption			(kW)	2.52	3.81	4.92	
		Power factor			(%)	86	92	94	
		EER				3.76	3.17	2.84	
		SEER				7.15	6.91	6.53	
		Energy efficiency class			(Lot10)	A++	-	-	
	Heating	Running current		380 V - 415 V	(A)	4.90 - 4.48	5.73 - 5.25	7.57 - 6.93	
		Power consumption			(kW)	2.82	3.39	4.65	
		Power factor			(%)	88	90	93	
		COP				3.97	3.83	3.44	
		SCOP				4.29	4.30	4.38	
		Energy efficiency class			(Lot10)	A+	-	-	
Maximum current				(A)	10.7	12.2	12.6		
Indoor unit									
Ceiling panel (Sold separately)				Model name		RBC-U32PGP-E			
Dimension	Main unit	Height		(mm)	319	319	319		
		Width		(mm)	840	840	840		
		Depth		(mm)	840	840	840		
	Panel	Height		(mm)	30	30	30		
		Width		(mm)	950	950	950		
		Depth		(mm)	950	950	950		
Weight	Main unit		(kg)	24	24	24			
	Panel		(kg)	4.2	4.2	4.2			
Heat exchanger						Finned tube	Finned tube	Finned tube	
Fan unit	Fan				Turbo fan	Turbo fan	Turbo fan		
	Air flow (H / M / L)			(m³/h)	2010 / 1440 / 1170	2100 / 1440 / 1230	2130 / 1500 / 1260		
	Motor output			(W)	130	130	130		
Sound pressure level				(H / M / L)	(dB(A))	43 / 38 / 33	44 / 38 / 34	45 / 40 / 36	
Sound power level				(H / M / L)	(dB(A))	58 / 53 / 48	59 / 53 / 49	60 / 55 / 51	
Outdoor unit									
Dimension	Height		(mm)	1050	1050	1050			
	Width		(mm)	1010	1010	1010			
	Depth		(mm)	370	370	370			
Weight				(kg)	85	85	85		
Compressor type						DC Twin Rotary			
Fan unit	Air flow			(m³/h)	4950	4950	4950		
	Motor output			(W)	100	100	100		
Refrigerant Quantity in Outdoor unit					2.40	2.40	2.40		
Additional refrigerant charge				(g/m)	35	35	35		
Pipe connections	Pipe length at rated performance			(m)	7.5	7.5	7.5		
	MAX. total length			(m)	50	50	50		
	MIN. length			(m)	5	5	5		
	MAX. height difference			(m)	30	30	30		
	Chargeless length			(m)	30	30	30		
Flare connection	Main pipe		Gas / Liquid	(mm)	15.9 / 9.5	15.9 / 9.5	15.9 / 9.5		
	Branch pipe		Gas / Liquid	(mm)	-	-	-		
Sound pressure level	Cooling / Heating			(dB(A))	53 / 56	56 / 56	57 / 56		
Sound power level	Cooling / Heating			(dB(A))	70 / 73	73 / 74	74 / 74		
Operating range	Cooling			(°C)	-15 to 46	-15 to 46	-15 to 46		
	Heating			(°C)	-15 to 15	-15 to 15	-15 to 15		

*1: The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

*2: The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

Notes:

Rated conditions

Cooling: Indoor air temperature 27°CDB / 19°CWB, Outdoor air temperature 35°CDB

Heating: Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

4-way cassette
<Twin type>

Model		Indoor unit1		RAV-HM	561UTP-E/TR	801UTP-E/TR	801UTP-E/TR
		Indoor unit2		RAV-HM	561UTP-E/TR	801UTP-E/TR	801UTP-E/TR
		Outdoor unit		RAV-GM	1102AT8W-E/TR	1402AT8W-E/TR	1602AT8W-E/TR
Cooling capacity				(kW)	9.5 (3.0 - 11.2)	12.1 (3.0 - 13.2)	14.0 (3.0 - 15.0)
Heating capacity				(kW)	11.2 (3.0 - 13.0)	13.0 (3.0 - 16.0)	16.0 (3.0 - 18.0)
Power supply				Phase- Hz-V	3 - 50 - 400 (380 - 415)		
Electrical characteristics	Cooling	Running current	380 V - 415 V	(A)	4.47 - 4.10	6.32 - 5.79	7.99 - 7.31
		Power consumption		(kW)	2.52	3.81	4.92
		Power factor		(%)	86	92	94
		EER			3.76	3.17	2.84
		SEER			7.03	6.86	6.49
		Energy efficiency class		(Lot10)	A++	-	-
	Heating	Running current	380 V - 415 V	(A)	4.90 - 4.48	5.73 - 5.25	7.57 - 6.93
		Power consumption		(kW)	2.82	3.39	4.65
		Power factor		(%)	88	90	93
		COP			3.97	3.83	3.44
		SCOP			4.29	4.30	4.38
		Energy efficiency class		(Lot10)	A+	-	-
Maximum current		(A)	10.2	11.8	12.2		
Indoor unit							
Ceiling panel (Sold separately)			Model name		RBC-U32PGP-E		
Dimension	Main unit	Height	(mm)	256	256	256	
		Width	(mm)	840	840	840	
		Depth	(mm)	840	840	840	
	Panel	Height	(mm)	30	30	30	
		Width	(mm)	950	950	950	
		Depth	(mm)	950	950	950	
Weight	Main unit	(kg)	20	20	20		
	Panel	(kg)	4.2	4.2	4.2		
Heat exchanger				Finned tube	Finned tube	Finned tube	
Fan unit	Fan		Turbo fan	Turbo fan	Turbo fan		
	Air flow (H / M / L)		(m³/h)	1050 / 870 / 780	1230 / 960 / 810	1230 / 960 / 810	
	Motor output		(W)	60	60	60	
Sound pressure level		(H / M / L)	(dB(A))	32 / 29 / 28	35 / 31 / 28	35 / 31 / 28	
Sound power level		(H / M / L)	(dB(A))	47 / 44 / 43	50 / 46 / 43	50 / 46 / 43	
Branch-kit (Sold separately)				RBC-TWP30E2	RBC-TWP50E2	RBC-TWP50E2	
Outdoor unit							
Dimension	Height		(mm)	1050	1050	1050	
	Width		(mm)	1010	1010	1010	
	Depth		(mm)	370	370	370	
Weight			(kg)	85	85	85	
Compressor type				DC Twin Rotary			
Fan unit	Air flow		(m³/h)	4950	4950	4950	
	Motor output		(W)	100	100	100	
Refrigerant Quantity in Outdoor unit				2.40	2.40	2.40	
Additional refrigerant charge			(g/m)	35	35	35	
Pipe connections	Pipe length at rated performance		(m)	7.5	7.5	7.5	
	MAX. total length		(m)	50	50	50	
	MIN. length		(m)	5	5	5	
	MAX. height difference		(m)	30	30	30	
	Chargeless length		(m)	30	30	30	
Flare connection	Main pipe	Gas / Liquid	(mm)	15.9 / 9.5	15.9 / 9.5	15.9 / 9.5	
	Branch pipe	Gas / Liquid	(mm)	12.7 / 6.4	15.9 / 9.5	15.9 / 9.5	
Sound pressure level	Cooling / Heating		(dB(A))	53 / 56	56 / 56	57 / 56	
Sound power level	Cooling / Heating		(dB(A))	70 / 73	73 / 74	74 / 74	
Operating range	Cooling		(°C)	-15 to 46	-15 to 46	-15 to 46	
	Heating		(°C)	-15 to 15	-15 to 15	-15 to 15	

*1: The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

*2: The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

Notes:

Rated conditions

Cooling: Indoor air temperature 27°CDB / 19°CWB, Outdoor air temperature 35°CDB

Heating: Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

4-way cassette
<Triple type>

Model		Indoor unit1		RAV-HM	561UTP-E/TR
		Indoor unit2		RAV-HM	561UTP-E/TR
		Indoor unit3		RAV-HM	561UTP-E/TR
		Outdoor unit		RAV-GM	1602AT8W-E/TR
Cooling capacity				(kW)	14.0 (3.0 - 15.0)
Heating capacity				(kW)	16.0 (3.0 - 18.0)
Power supply				Phase- Hz-V	3 - 50 - 400 (380 - 415)
Electrical characteristics	Cooling	Running current	380 V - 415 V	(A)	7.99 - 7.31
		Power consumption		(kW)	4.92
		Power factor		(%)	94
		EER			2.84
		SEER			6.44
		Energy efficiency class		(Lot10)	-
	Heating	Running current	380 V - 415 V	(A)	7.57 - 6.93
		Power consumption		(kW)	4.65
		Power factor		(%)	93
		COP			3.44
		SCOP			4.38
		Energy efficiency class		(Lot10)	-
		Maximum current		(A)	12.5
Indoor unit					
Ceiling panel (Sold separately)			Model name		RBC-U32PGP-E
Dimension	Main unit	Height	(mm)	256	
		Width	(mm)	840	
		Depth	(mm)	840	
	Panel	Height	(mm)	30	
		Width	(mm)	950	
		Depth	(mm)	950	
Weight	Main unit		(kg)	20	
	Panel		(kg)	4.2	
Heat exchanger				Finned tube	
Fan unit	Fan			Turbo fan	
	Air flow (H / M / L)		(m³/h)	1050 / 870 / 780	
	Motor output		(W)	60	
Sound pressure level			(H / M / L)	(dB(A))	32 / 29 / 28
Sound power level			(H / M / L)	(dB(A))	47 / 44 / 43
Branch-kit (Sold separately)				RBC-TRP100E	
Outdoor unit					
Dimension	Height	(mm)	1050		
	Width	(mm)	1010		
	Depth	(mm)	370		
Weight			(kg)	85	
Compressor type				DC Twin Rotary	
Fan unit	Air flow		(m³/h)	4950	
	Motor output		(W)	100	
Refrigerant Quantity in Outdoor unit				2.40	
Additional refrigerant charge			(g/m)	35	
Pipe connections	Pipe length at rated performance		(m)	7.5	
	MAX. total length		(m)	50	
	MIN. length		(m)	5	
	MAX. height difference		(m)	30	
	Chargeless length		(m)	30	
Flare connection	Main pipe	Gas / Liquid	(mm)	15.9 / 9.5	
	Branch pipe	Gas / Liquid	(mm)	12.7 / 6.4	
Sound pressure level	Cooling / Heating			(dB(A))	57 / 56
Sound power level	Cooling / Heating			(dB(A))	74 / 74
Operating range	Cooling		(°C)	-15 to 46	
	Heating		(°C)	-15 to 15	

*1: The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

*2: The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

Notes:

Rated conditions

Cooling: Indoor air temperature 27°CDB / 19°CWB, Outdoor air temperature 35°CDB

Heating: Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

Compact 4-way cassette
<Twin type>

Model		Indoor unit1		RAV-HM	561MUT-E/TR
		Indoor unit2		RAV-HM	561MUT-E/TR
		Outdoor unit		RAV-GM	1102AT8W-E/TR
Cooling capacity				(kW)	9.5 (3.0 - 11.2)
Heating capacity				(kW)	11.2 (3.0 - 13.0)
Power supply				Phase- Hz-V	3 - 50 - 400 (380 - 415)
Electrical characteristics	Cooling	Running current	380 V - 415 V	(A)	4.70 - 4.31
		Power consumption		(kW)	2.65
		Power factor		(%)	86
		EER			3.58
		SEER			6.17
		Energy efficiency class		(Lot10)	A++
	Heating	Running current	380 V - 415 V	(A)	5.40 - 4.94
		Power consumption		(kW)	3.11
		Power factor		(%)	88
		COP			3.60
		SCOP			4.06
		Energy efficiency class		(Lot10)	A+
Maximum current		(A)	10.4		
Indoor unit					
Ceiling panel (Sold separately)			Model name		RBC-UM21PG(W)-E
Dimension	Main unit	Height	(mm)	256	
		Width	(mm)	575	
		Depth	(mm)	575	
	Panel	Height	(mm)	12	
		Width	(mm)	620	
		Depth	(mm)	620	
Weight	Main unit			(kg)	15
	Panel			(kg)	2.5
Heat exchanger				Finned tube	
Fan unit	Fan				Turbo fan
	Air flow (H / M / L)			(m³/h)	798 / 672 / 546
	Motor output			(W)	60
Sound pressure level			(H / M / L)	(dB(A))	44 / 39 / 35
Sound power level			(H / M / L)	(dB(A))	59 / 54 / 50
Branch-kit (Sold separately)				RBC-TWP30E2	
Outdoor unit					
Dimension	Height		(mm)	1050	
	Width		(mm)	1010	
	Depth		(mm)	370	
Weight			(kg)	85	
Compressor type				DC Twin Rotary	
Fan unit	Air flow			(m³/h)	4950
	Motor output			(W)	100
Refrigerant Quantity in Outdoor unit				2.40	
Additional refrigerant charge				(g/m)	35
Pipe connections	Pipe length at rated performance			(m)	7.5
	MAX. total length			(m)	50
	MIN. length			(m)	5
	MAX. height difference			(m)	30
	Chargeless length			(m)	30
Flare connection	Main pipe	Gas / Liquid	(mm)	15.9 / 9.5	
	Branch pipe	Gas / Liquid	(mm)	12.7 / 6.4	
Sound pressure level	Cooling / Heating			(dB(A))	53 / 56
Sound power level	Cooling / Heating			(dB(A))	70 / 73
Operating range	Cooling			(°C)	-15 to 46
	Heating			(°C)	-15 to 15

*1: The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

*2: The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

Notes:

Rated conditions

Cooling: Indoor air temperature 27°CDB / 19°CWB, Outdoor air temperature 35°CDB

Heating: Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

Compact 4-way cassette
<Triple type>

Model		Indoor unit1		RAV-HM	561MUT-E/TR
		Indoor unit2		RAV-HM	561MUT-E/TR
		Indoor unit3		RAV-HM	561MUT-E/TR
		Outdoor unit		RAV-GM	1602AT8W-E/TR
Cooling capacity				(kW)	14.0 (3.0 - 15.0)
Heating capacity				(kW)	16.0 (3.0 - 18.0)
Power supply				Phase- Hz-V	3 - 50 - 400 (380 - 415)
Electrical characteristics	Cooling	Running current	380 V - 415 V	(A)	8.73 - 8.00
		Power consumption		(kW)	5.38
		Power factor		(%)	94
		EER			2.60
		SEER			5.37
		Energy efficiency class		(Lot10)	-
	Heating	Running current	380 V - 415 V	(A)	9.72 - 8.90
		Power consumption		(kW)	5.97
		Power factor		(%)	93
		COP			2.68
		SCOP			4.06
		Energy efficiency class		(Lot10)	-
		Maximum current		(A)	12.7
Indoor unit					
Ceiling panel (Sold separately)			Model name		RBC-UM21PG(W)-E
Dimension	Main unit	Height	(mm)	256	
		Width	(mm)	575	
		Depth	(mm)	575	
	Panel	Height	(mm)	12	
		Width	(mm)	620	
		Depth	(mm)	620	
Weight	Main unit			(kg)	15
	Panel			(kg)	2.5
Heat exchanger				Finned tube	
Fan unit	Fan				Turbo fan
	Air flow (H / M / L)		(m³/h)	798 / 672 / 546	
	Motor output		(W)	60	
Sound pressure level			(H / M / L)	(dB(A))	44 / 39 / 35
Sound power level			(H / M / L)	(dB(A))	59 / 54 / 50
Branch-kit (Sold separately)				RBC-TRP100E	
Outdoor unit					
Dimension	Height		(mm)	1050	
	Width		(mm)	1010	
	Depth		(mm)	370	
Weight			(kg)	85	
Compressor type				DC Twin Rotary	
Fan unit	Air flow		(m³/h)	4950	
	Motor output		(W)	100	
Refrigerant Quantity in Outdoor unit				2.40	
Additional refrigerant charge			(g/m)	35	
Pipe connections	Pipe length at rated performance		(m)	7.5	
	MAX. total length		(m)	50	
	MIN. length		(m)	5	
	MAX. height difference		(m)	30	
	Chargeless length		(m)	30	
Flare connection	Main pipe	Gas / Liquid	(mm)	15.9 / 9.5	
	Branch pipe	Gas / Liquid	(mm)	12.7 / 6.4	
Sound pressure level	Cooling / Heating			(dB(A))	57 / 56
Sound power level	Cooling / Heating			(dB(A))	74 / 74
Operating range	Cooling		(°C)	-15 to 46	
	Heating		(°C)	-15 to 15	

*1: The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

*2: The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

Notes:

Rated conditions

Cooling: Indoor air temperature 27°CDB / 19°CWB, Outdoor air temperature 35°CDB

Heating: Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

Duct
<Single type>

Model		Indoor unit		RAV-HM	1101BTP-E/TR	1401BTP-E/TR	1601BTP-E/TR
		Outdoor unit		RAV-GM	1102AT8W-E/TR	1402AT8W-E/TR	1602AT8W-E/TR
Cooling capacity				(kW)	9.5 (3.0 - 11.2)	12.1 (3.0 - 13.2)	14.0 (3.0 - 15.0)
Heating capacity				(kW)	11.2 (3.0 - 13.0)	13.0 (3.0 - 16.0)	16.0 (3.0 - 18.0)
Power supply				Phase- Hz-V	3 - 50 - 400 (380 - 415)		
Electrical characteristics	Cooling	Running current	380 V - 415 V	(A)	4.54 - 4.16	6.54 - 5.98	8.34 - 7.64
		Power consumption		(kW)	2.56	3.94	5.14
		Power factor		(%)	86	92	94
		EER			3.71	3.07	2.72
		SEER			6.00	5.87	5.80
		Energy efficiency class		(Lot10)	A+	-	-
	Heating	Running current	380 V - 415 V	(A)	4.98 - 4.56	5.92 - 5.42	7.59 - 6.95
		Power consumption		(kW)	2.87	3.50	4.66
		Power factor		(%)	88	90	93
		COP			3.90	3.71	3.43
		SCOP			3.92	3.84	3.96
		Energy efficiency class		(Lot10)	A	-	-
		Maximum current		(A)	11.6	13.1	13.5
Indoor unit							
Dimension	Main unit	Height	(mm)	275	275	275	
		Width	(mm)	1400	1400	1400	
		Depth	(mm)	750	750	750	
Weight	Main unit		(kg)	41	41	41	
Heat exchanger					Finned tube	Finned tube	Finned tube
Fan unit	Fan				Centrifugal fan	Centrifugal fan	Centrifugal fan
	Air flow (H / M / L)		(m³/h)	2100 / 1650 / 1260	2100 / 1650 / 1260	2100 / 1650 / 1260	
	Motor output		(W)	250	250	250	
	External static pressure	Factory setting	Pa	40	50	50	
	External static pressure range		Upper - Lower	Pa	150 - 30	150 - 30	150 - 30
Sound pressure level		(H / M / L)	(dB(A))	40 / 36 / 33	40 / 36 / 33	40 / 36 / 33	
Sound power level		(H / M / L)	(dB(A))	63 / 58 / 54	63 / 58 / 54	63 / 58 / 54	
Outdoor unit							
Dimension		Height	(mm)	1050	1050	1050	
		Width	(mm)	1010	1010	1010	
		Depth	(mm)	370	370	370	
Weight			(kg)	85	85	85	
Compressor type					DC Twin Rotary		
Fan unit	Air flow		(m³/h)	4950	4950	4950	
	Motor output		(W)	100	100	100	
Refrigerant Quantity in Outdoor unit					2.40	2.40	2.40
Additional refrigerant charge			(g/m)	35	35	35	
Pipe connections	Pipe length at rated performance		(m)	7.5	7.5	7.5	
	MAX. total length		(m)	50	50	50	
	MIN. length		(m)	5	5	5	
	MAX. height difference		(m)	30	30	30	
	Chargeless length		(m)	30	30	30	
Flare connection	Main pipe	Gas / Liquid	(mm)	15.9 / 9.5	15.9 / 9.5	15.9 / 9.5	
	Branch pipe	Gas / Liquid	(mm)	-	-	-	
Sound pressure level	Cooling / Heating		(dB(A))	53 / 56	56 / 56	57 / 56	
Sound power level	Cooling / Heating		(dB(A))	70 / 73	73 / 74	74 / 74	
Operating range	Cooling		(°C)	-15 to 46	-15 to 46	-15 to 46	
	Heating		(°C)	-15 to 15	-15 to 15	-15 to 15	

*1: The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

*2: The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

Notes:

Rated conditions

Cooling: Indoor air temperature 27°CDB / 19°CWB, Outdoor air temperature 35°CDB

Heating: Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

Duct
<Twin type>

Model		Indoor unit1		RAV-HM	561BTP-E/TR	801BTP-E/TR	801BTP-E/TR
		Indoor unit2		RAV-HM	561BTP-E/TR	801BTP-E/TR	801BTP-E/TR
		Outdoor unit		RAV-GM	1102AT8W-E/TR	1402AT8W-E/TR	1602AT8W-E/TR
Cooling capacity				(kW)	9.5 (3.0 - 11.2)	12.1 (3.0 - 13.2)	14.0 (3.0 - 15.0)
Heating capacity				(kW)	11.2 (3.0 - 13.0)	13.0 (3.0 - 16.0)	16.0 (3.0 - 18.0)
Power supply				Phase- Hz-V	3 - 50 - 400 (380 - 415)		
Electrical characteristics	Cooling	Running current	380 V - 415 V	(A)	4.54 - 4.16	6.54 - 5.98	8.34 - 7.64
		Power consumption		(kW)	2.56	3.94	5.14
		Power factor		(%)	86	92	94
		EER			3.71	3.07	2.72
		SEER			5.91	5.83	5.76
		Energy efficiency class		(Lot10)	A+	-	-
	Heating	Running current	380 V - 415 V	(A)	4.98 - 4.56	5.92 - 5.42	7.59 - 6.95
		Power consumption		(kW)	2.87	3.50	4.66
		Power factor		(%)	88	90	93
		COP			3.90	3.71	3.43
		SCOP			3.92	3.84	3.96
		Energy efficiency class		(Lot10)	A	-	-
		Maximum current		(A)	11.6	13.4	13.8
Indoor unit							
Dimension	Main unit	Height	(mm)	275	275	275	
		Width	(mm)	700	1000	1000	
		Depth	(mm)	750	750	750	
Weight	Main unit		(kg)	23	31	31	
Heat exchanger					Finned tube	Finned tube	Finned tube
Fan unit	Fan				Centrifugal fan	Centrifugal fan	Centrifugal fan
	Air flow (H / M / L)		(m³/h)	800 / 630 / 480	1200 / 930 / 750	1200 / 930 / 750	
	Motor output		(W)	150	150	150	
	External static pressure	Factory setting	Pa	30	30	30	
	External static pressure range	Upper - Lower	Pa	150 - 30	150 - 30	150 - 30	
Sound pressure level		(H / M / L)	(dB(A))	33 / 31 / 29	34 / 30 / 26	34 / 30 / 26	
Sound power level		(H / M / L)	(dB(A))	55 / 51 / 46	55 / 51 / 46	55 / 51 / 46	
Branch-kit (Sold separately)					RBC-TWP30E2	RBC-TWP50E2	RBC-TWP50E2
Outdoor unit							
Dimension		Height	(mm)	1050	1050	1050	
		Width	(mm)	1010	1010	1010	
		Depth	(mm)	370	370	370	
Weight			(kg)	85	85	85	
Compressor type					DC Twin Rotary		
Fan unit	Air flow		(m³/h)	4950	4950	4950	
	Motor output		(W)	100	100	100	
Refrigerant Quantity in Outdoor unit					2.40	2.40	2.40
Additional refrigerant charge			(g/m)	35	35	35	
Pipe connections	Pipe length at rated performance		(m)	7.5	7.5	7.5	
	MAX. total length		(m)	50	50	50	
	MIN. length		(m)	5	5	5	
	MAX. height difference		(m)	30	30	30	
	Chargeless length		(m)	30	30	30	
Flare connection	Main pipe	Gas / Liquid	(mm)	15.9 / 9.5	15.9 / 9.5	15.9 / 9.5	
	Branch pipe	Gas / Liquid	(mm)	12.7 / 6.4	15.9 / 9.5	15.9 / 9.5	
Sound pressure level	Cooling / Heating		(dB(A))	53 / 56	56 / 56	57 / 56	
Sound power level	Cooling / Heating		(dB(A))	70 / 73	73 / 74	74 / 74	
Operating range	Cooling		(°C)	-15 to 46	-15 to 46	-15 to 46	
	Heating		(°C)	-15 to 15	-15 to 15	-15 to 15	

*1: The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

*2: The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

Notes:

Rated conditions

Cooling: Indoor air temperature 27°CDB / 19°CWB, Outdoor air temperature 35°CDB

Heating: Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

Duct
<Triple type>

Model		Indoor unit1		RAV-HM	561BTP-E/TR
		Indoor unit2		RAV-HM	561BTP-E/TR
		Indoor unit3		RAV-HM	561BTP-E/TR
		Outdoor unit		RAV-GM	1602AT8W-E/TR
Cooling capacity				(kW)	14.0 (3.0 - 15.0)
Heating capacity				(kW)	16.0 (3.0 - 18.0)
Power supply				Phase- Hz-V	3 - 50 - 400 (380 - 415)
Electrical characteristics	Cooling	Running current	380 V - 415 V	(A)	8.34 - 7.64
		Power consumption		(kW)	5.14
		Power factor		(%)	94
		EER			2.72
		SEER			5.73
		Energy efficiency class		(Lot10)	-
	Heating	Running current	380 V - 415 V	(A)	7.59 - 6.95
		Power consumption		(kW)	4.66
		Power factor		(%)	93
		COP			3.43
		SCOP			3.96
		Energy efficiency class		(Lot10)	-
Maximum current			(A)	14.6	
Indoor unit					
Dimension	Main unit		Height	(mm)	275
			Width	(mm)	700
			Depth	(mm)	750
Weight	Main unit			(kg)	23
Heat exchanger					Finned tube
Fan unit	Fan				Centrifugal fan
	Air flow (H / M / L)			(m³/h)	800 / 630 / 480
	Motor output			(W)	150
	External static pressure	Factory setting	Pa	30	
	External static pressure range		Upper - Lower	Pa	150 - 30
Sound pressure level			(H / M / L)	(dB(A))	33 / 31 / 29
Sound power level			(H / M / L)	(dB(A))	55 / 51 / 46
Branch-kit (Sold separately)					RBC-TRP100E
Outdoor unit					
Dimension			Height	(mm)	1050
			Width	(mm)	1010
			Depth	(mm)	370
Weight			(kg)	85	
Compressor type					DC Twin Rotary
Fan unit	Air flow			(m³/h)	4950
	Motor output			(W)	100
Refrigerant Quantity in Outdoor unit					2.40
Additional refrigerant charge				(g/m)	35
Pipe connections	Pipe length at rated performance			(m)	7.5
	MAX. total length			(m)	50
	MIN. length			(m)	5
	MAX. height difference			(m)	30
	Chargeless length			(m)	30
Flare connection	Main pipe	Gas / Liquid	(mm)	15.9 / 9.5	
	Branch pipe	Gas / Liquid	(mm)	12.7 / 6.4	
Sound pressure level	Cooling / Heating			(dB(A))	57 / 56
Sound power level	Cooling / Heating			(dB(A))	74 / 74
Operating range	Cooling			(°C)	-15 to 46
	Heating			(°C)	-15 to 15

*1: The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

*2: The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

Notes:

Rated conditions

Cooling: Indoor air temperature 27°CDB / 19°CWB, Outdoor air temperature 35°CDB

Heating: Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

Ceiling
<Single type>

Model		Indoor unit		RAV-HM	1101CTP-E/TR	1401CTP-E/TR	1601CTP-E/TR
		Outdoor unit		RAV-GM	1102AT8W-E/TR	1402AT8W-E/TR	1602AT8W-E/TR
Cooling capacity				(kW)	9.5 (3.0 - 11.2)	12.1 (3.0 - 13.2)	14.0 (3.0 - 15.0)
Heating capacity				(kW)	11.2 (3.0 - 13.0)	13.0 (3.0 - 16.0)	16.0 (3.0 - 18.0)
Power supply				Phase- Hz-V	3 - 50 - 400 (380 - 415)		
Electrical characteristics	Cooling	Running current	380 V - 415 V	(A)	4.53 - 4.14	6.54 - 5.98	8.02 - 7.34
		Power consumption		(kW)	2.55	3.94	4.94
		Power factor		(%)	86	92	94
		EER			3.72	3.07	2.83
		SEER			6.46	5.87	6.12
		Energy efficiency class		(Lot10)	A++	-	-
	Heating	Running current	380 V - 415 V	(A)	4.91 - 4.50	5.80 - 5.31	7.62 - 6.98
		Power consumption		(kW)	2.83	3.43	4.68
		Power factor		(%)	88	90	93
		COP			3.95	3.79	3.41
		SCOP			4.29	4.20	4.22
		Energy efficiency class		(Lot10)	A+	-	-
		Maximum current		(A)	11.0	12.5	12.9
Indoor unit							
Dimension	Main unit	Height	(mm)	235	235	235	
		Width	(mm)	1586	1586	1586	
		Depth	(mm)	690	690	690	
Weight	Main unit		(kg)	37	37	37	
Heat exchanger					Finned tube	Finned tube	Finned tube
Fan unit	Fan				Centrifugal fan	Centrifugal fan	Centrifugal fan
	Air flow (H / M / L)			(m³/h)	1860 / 1350 / 1020	2040 / 1530 / 1200	2040 / 1650 / 1200
	Motor output			(W)	139	139	139
Sound pressure level		(H / M / L)	(dB(A))	44 / 38 / 32	46 / 41 / 35	46 / 42 / 36	
Sound power level		(H / M / L)	(dB(A))	59 / 53 / 47	61 / 56 / 50	61 / 57 / 51	
Outdoor unit							
Dimension		Height	(mm)	1050	1050	1050	
		Width	(mm)	1010	1010	1010	
		Depth	(mm)	370	370	370	
Weight			(kg)	85	85	85	
Compressor type					DC Twin Rotary		
Fan unit	Air flow		(m³/h)	4950	4950	4950	
	Motor output		(W)	100	100	100	
Refrigerant Quantity in Outdoor unit					2.40	2.40	2.40
Additional refrigerant charge			(g/m)	35	35	35	
Pipe connections	Pipe length at rated performance		(m)	7.5	7.5	7.5	
	MAX. total length		(m)	50	50	50	
	MIN. length		(m)	5	5	5	
	MAX. height difference		(m)	30	30	30	
	Chargeless length		(m)	30	30	30	
Flare connection	Main pipe	Gas / Liquid	(mm)	15.9 / 9.5	15.9 / 9.5	15.9 / 9.5	
	Branch pipe	Gas / Liquid	(mm)	-	-	-	
Sound pressure level	Cooling / Heating		(dB(A))	53 / 56	56 / 56	57 / 56	
Sound power level	Cooling / Heating		(dB(A))	70 / 73	73 / 74	74 / 74	
Operating range	Cooling		(°C)	-15 to 46	-15 to 46	-15 to 46	
	Heating		(°C)	-15 to 15	-15 to 15	-15 to 15	

*1: The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

*2: The sound level is measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

Notes:

Rated conditions

Cooling: Indoor air temperature 27°CDB / 19°CWB, Outdoor air temperature 35°CDB

Heating: Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

Ceiling
<Twin type>

Model		Indoor unit1		RAV-HM	561CTP-E/TR	801CTP-E/TR	801CTP-E/TR
		Indoor unit2		RAV-HM	561CTP-E/TR	801CTP-E/TR	801CTP-E/TR
		Outdoor unit		RAV-GM	1102AT8W-E/TR	1402AT8W-E/TR	1602AT8W-E/TR
Cooling capacity				(kW)	9.5 (3.0 - 11.2)	12.1 (3.0 - 13.2)	14.0 (3.0 - 15.0)
Heating capacity				(kW)	11.2 (3.0 - 13.0)	13.0 (3.0 - 16.0)	16.0 (3.0 - 18.0)
Power supply				Phase- Hz-V	3 - 50 - 400 (380 - 415)		
Electrical characteristics	Cooling	Running current	380 V - 415 V	(A)	4.53 - 4.14	6.54 - 5.98	8.02 - 7.34
		Power consumption		(kW)	2.55	3.94	4.94
		Power factor		(%)	86	92	94
		EER			3.72	3.07	2.83
		SEER			6.37	5.83	6.08
		Energy efficiency class		(Lot10)	A++	-	-
	Heating	Running current	380 V - 415 V	(A)	4.91 - 4.50	5.80 - 5.31	7.62 - 6.98
		Power consumption		(kW)	2.83	3.43	4.68
		Power factor		(%)	88	90	93
		COP			3.95	3.79	3.41
		SCOP			4.29	4.20	4.22
		Energy efficiency class		(Lot10)	A+	-	-
Maximum current			(A)	10.9	13.2	13.6	
Indoor unit							
Dimension	Main unit	Height	(mm)	235	235	235	
		Width	(mm)	950	1270	1270	
		Depth	(mm)	690	690	690	
Weight	Main unit		(kg)	23	29	29	
Heat exchanger					Finned tube	Finned tube	Finned tube
Fan unit	Fan				Centrifugal fan	Centrifugal fan	Centrifugal fan
	Air flow (H / M / L)		(m³/h)	900 / 720 / 540	1410 / 1000 / 750	1410 / 1000 / 750	
	Motor output		(W)	94	94	94	
Sound pressure level		(H / M / L)	(dB(A))	37 / 35 / 28	41 / 36 / 29	41 / 36 / 29	
Sound power level		(H / M / L)	(dB(A))	52 / 50 / 43	56 / 51 / 44	56 / 51 / 44	
Branch-kit (Sold separately)					RBC-TWP30E2	RBC-TWP50E2	RBC-TWP50E2
Outdoor unit							
Dimension		Height	(mm)	1050	1050	1050	
		Width	(mm)	1010	1010	1010	
		Depth	(mm)	370	370	370	
Weight			(kg)	85	85	85	
Compressor type					DC Twin Rotary		
Fan unit	Air flow		(m³/h)	4950	4950	4950	
	Motor output		(W)	100	100	100	
Refrigerant Quantity in Outdoor unit					2.40	2.40	2.40
Additional refrigerant charge			(g/m)	35	35	35	
Pipe connections	Pipe length at rated performance		(m)	7.5	7.5	7.5	
	MAX. total length		(m)	50	50	50	
	MIN. length		(m)	5	5	5	
	MAX. height difference		(m)	30	30	30	
	Chargeless length		(m)	30	30	30	
Flare connection	Main pipe	Gas / Liquid	(mm)	15.9 / 9.5	15.9 / 9.5	15.9 / 9.5	
	Branch pipe	Gas / Liquid	(mm)	12.7 / 6.4	15.9 / 9.5	15.9 / 9.5	
Sound pressure level	Cooling / Heating		(dB(A))	53 / 56	56 / 56	57 / 56	
Sound power level	Cooling / Heating		(dB(A))	70 / 73	73 / 74	74 / 74	
Operating range	Cooling		(°C)	-15 to 46	-15 to 46	-15 to 46	
	Heating		(°C)	-15 to 15	-15 to 15	-15 to 15	

*1: The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

*2: The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

Notes:

Rated conditions

Cooling: Indoor air temperature 27°CDB / 19°CWB, Outdoor air temperature 35°CDB

Heating: Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

Ceiling
<Triple type>

Model		Indoor unit1		RAV-HM	561CTP-E/TR
		Indoor unit2		RAV-HM	561CTP-E/TR
		Indoor unit3		RAV-HM	561CTP-E/TR
		Outdoor unit		RAV-GM	1602AT8W-E/TR
Cooling capacity				(kW)	14.0 (3.0 - 15.0)
Heating capacity				(kW)	16.0 (3.0 - 18.0)
Power supply				Phase- Hz-V	3 - 50 - 400 (380 - 415)
Electrical characteristics	Cooling	Running current	380 V - 415 V	(A)	8.02 - 7.34
		Power consumption		(kW)	4.94
		Power factor		(%)	94
		EER			2.83
		SEER			6.05
		Energy efficiency class		(Lot10)	-
	Heating	Running current	380 V - 415 V	(A)	7.62 - 6.98
		Power consumption		(kW)	4.68
		Power factor		(%)	93
		COP			3.41
		SCOP			4.22
		Energy efficiency class		(Lot10)	-
Maximum current		(A)	13.5		
Indoor unit					
Dimension	Main unit		Height	(mm)	235
			Width	(mm)	950
			Depth	(mm)	690
Weight	Main unit		(kg)	23	
Heat exchanger					Finned tube
Fan unit	Fan				Centrifugal fan
	Air flow (H / M / L)			(m³/h)	900 / 720 / 540
	Motor output			(W)	94
Sound pressure level		(H / M / L)	(dB(A))	37 / 35 / 28	
Sound power level		(H / M / L)	(dB(A))	52 / 50 / 43	
Branch-kit (Sold separately)					RBC-TRP100E
Outdoor unit					
Dimension			Height	(mm)	1050
			Width	(mm)	1010
			Depth	(mm)	370
Weight			(kg)	85	
Compressor type					DC Twin Rotary
Fan unit	Air flow			(m³/h)	4950
	Motor output			(W)	100
Refrigerant Quantity in Outdoor unit					2.40
Additional refrigerant charge				(g/m)	35
Pipe connections	Pipe length at rated performance			(m)	7.5
	MAX. total length			(m)	50
	MIN. length			(m)	5
	MAX. height difference			(m)	30
	Chargeless length			(m)	30
Flare connection	Main pipe		Gas / Liquid	(mm)	15.9 / 9.5
	Branch pipe		Gas / Liquid	(mm)	12.7 / 6.4
Sound pressure level	Cooling / Heating			(dB(A))	57 / 56
Sound power level	Cooling / Heating			(dB(A))	74 / 74
Operating range	Cooling			(°C)	-15 to 46
	Heating			(°C)	-15 to 15

*1: The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

*2: The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

Notes:

Rated conditions

Cooling: Indoor air temperature 27°CDB / 19°CWB, Outdoor air temperature 35°CDB

Heating: Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

High wall
<Single type>

Model		Indoor unit		RAV-HM	1101KRTP-E/TR
		Outdoor unit		RAV-GM	1102AT8W-E/TR
Cooling capacity				(kW)	9.5 (3.0 - 11.2)
Heating capacity				(kW)	11.2 (3.0 - 13.0)
Power supply				Phase- Hz-V	3 - 50 - 400 (380 - 415)
Electrical characteristics	Cooling	Running current	380 V - 415 V	(A)	5.24 - 4.79
		Power consumption		(kW)	2.95
		Power factor		(%)	86
		EER			3.22
		SEER			6.10
		Energy efficiency class		(Lot10)	A++
	Heating	Running current	380 V - 415 V	(A)	5.87 - 5.37
		Power consumption		(kW)	3.38
		Power factor		(%)	88
		COP			3.31
		SCOP			4.20
		Energy efficiency class		(Lot10)	A+
		Maximum current	(A)	10.1	
Indoor unit					
Dimension	Main unit	Height	(mm)	350	
		Width	(mm)	1200	
		Depth	(mm)	280	
Weight	Main unit		(kg)	19	
Heat exchanger				Finned tube	
Fan unit	Fan			Cross flow fan	
	Air flow (H / M / L)		(m³/h)	1610 / 1350 / 1180	
	Motor output		(W)	61	
Sound pressure level		(H / M / L)	(dB(A))	49 / 45 / 41	
Sound power level		(H / M / L)	(dB(A))	64 / 60 / 56	
Outdoor unit					
Dimension		Height	(mm)	1050	
		Width	(mm)	1010	
		Depth	(mm)	370	
Weight			(kg)	85	
Compressor type				DC Twin Rotary	
Fan unit	Air flow		(m³/h)	4950	
	Motor output		(W)	100	
Refrigerant Quantity in Outdoor unit				2.40	
Additional refrigerant charge			(g/m)	35	
Pipe connections	Pipe length at rated performance		(m)	7.5	
	MAX. total length		(m)	50	
	MIN. length		(m)	5	
	MAX. height difference		(m)	30	
	Chargeless length		(m)	30	
Flare connection	Main pipe	Gas / Liquid	(mm)	15.9 / 9.5	
	Branch pipe	Gas / Liquid	(mm)	-	
Sound pressure level	Cooling / Heating		(dB(A))	53 / 56	
Sound power level	Cooling / Heating		(dB(A))	70 / 73	
Operating range	Cooling		(°C)	-15 to 46	
	Heating		(°C)	-15 to 15	

*1: The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

*2: The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

Notes:

Rated conditions

Cooling: Indoor air temperature 27°CDB / 19°CWB, Outdoor air temperature 35°CDB

Heating: Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

High wall
<Twin type>

Model		Indoor unit1		RAV-HM	561KRTP-E/TR	801KRTP-E/TR	801KRTP-E/TR
		Indoor unit2		RAV-HM	561KRTP-E/TR	801KRTP-E/TR	801KRTP-E/TR
		Outdoor unit		RAV-GM	1102AT8W-E/TR	1402AT8W-E/TR	1602AT8W-E/TR
Cooling capacity				(kW)	9.5 (3.0 - 11.2)	12.1 (3.0 - 13.2)	14.0 (3.0 - 15.0)
Heating capacity				(kW)	11.2 (3.0 - 13.0)	13.0 (3.0 - 16.0)	16.0 (3.0 - 18.0)
Power supply				Phase- Hz-V	3 - 50 - 400 (380 - 415)		
Electrical characteristics	Cooling	Running current	380 V - 415 V	(A)	5.24 - 4.79	6.85 - 6.27	8.67 - 7.94
		Power consumption		(kW)	2.95	4.13	5.34
		Power factor		(%)	86	92	94
		EER			3.22	2.93	2.62
		SEER			6.01	5.65	5.56
		Energy efficiency class		(Lot10)	A+	-	-
	Heating	Running current	380 V - 415 V	(A)	5.87 - 5.37	7.47 - 6.84	9.90 - 9.07
		Power consumption		(kW)	3.38	4.42	6.08
		Power factor		(%)	88	90	93
		COP			3.31	2.94	2.63
		SCOP			4.19	4.19	4.16
		Energy efficiency class		(Lot10)	A+	-	-
		Maximum current		(A)	10.2	11.8	12.4
Indoor unit							
Dimension	Main unit	Height	(mm)	320	320	320	
		Width	(mm)	1050	1050	1050	
		Depth	(mm)	250	250	250	
Weight	Main unit		(kg)	14	14	14	
Heat exchanger				Finned tube	Finned tube	Finned tube	
Fan unit	Fan			Cross flow fan	Cross flow fan	Cross flow fan	
	Air flow (H / M / L)		(m³/h)	960 / 830 / 680	1040 / 910 / 680	1040 / 910 / 680	
	Motor output		(W)	30	30	30	
Sound pressure level		(H / M / L)	(dB(A))	42 / 39 / 35	45 / 41 / 35	45 / 41 / 35	
Sound power level		(H / M / L)	(dB(A))	57 / 54 / 50	60 / 56 / 50	60 / 56 / 50	
Branch-kit (Sold separately)				RBC-TWP30E2	RBC-TWP50E2	RBC-TWP50E2	
Outdoor unit							
Dimension		Height	(mm)	1050	1050	1050	
		Width	(mm)	1010	1010	1010	
		Depth	(mm)	370	370	370	
Weight			(kg)	85	85	85	
Compressor type				DC Twin Rotary			
Fan unit	Air flow		(m³/h)	4950	4950	4950	
	Motor output		(W)	100	100	100	
Refrigerant Quantity in Outdoor unit				2.40	2.40	2.40	
Additional refrigerant charge			(g/m)	35	35	35	
Pipe connections	Pipe length at rated performance		(m)	7.5	7.5	7.5	
	MAX. total length		(m)	50	50	50	
	MIN. length		(m)	5	5	5	
	MAX. height difference		(m)	30	30	30	
	Chargeless length		(m)	30	30	30	
Flare connection	Main pipe	Gas / Liquid	(mm)	15.9 / 9.5	15.9 / 9.5	15.9 / 9.5	
	Branch pipe	Gas / Liquid	(mm)	12.7 / 6.4	15.9 / 9.5	15.9 / 9.5	
Sound pressure level	Cooling / Heating		(dB(A))	53 / 56	56 / 56	57 / 56	
Sound power level	Cooling / Heating		(dB(A))	70 / 73	73 / 74	74 / 74	
Operating range	Cooling		(°C)	-15 to 46	-15 to 46	-15 to 46	
	Heating		(°C)	-15 to 15	-15 to 15	-15 to 15	

*1: The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

*2: The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

Notes:

Rated conditions

Cooling: Indoor air temperature 27°CDB / 19°CWB, Outdoor air temperature 35°CDB

Heating: Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

High wall
<Triple type>

Model		Indoor unit1		RAV-HM	561KRTP-E/TR
		Indoor unit2		RAV-HM	561KRTP-E/TR
		Indoor unit3		RAV-HM	561KRTP-E/TR
		Outdoor unit		RAV-GM	1602AT8W-E/TR
Cooling capacity				(kW)	14.0 (3.0 - 15.0)
Heating capacity				(kW)	16.0 (3.0 - 18.0)
Power supply				Phase- Hz-V	3 - 50 - 400 (380 - 415)
Electrical characteristics	Cooling	Running current	380 V - 415 V	(A)	8.67 - 7.94
		Power consumption		(kW)	5.34
		Power factor		(%)	94
		EER			2.62
		SEER			5.53
		Energy efficiency class		(Lot10)	-
	Heating	Running current	380 V - 415 V	(A)	9.90 - 9.07
		Power consumption		(kW)	6.08
		Power factor		(%)	93
		COP			2.63
		SCOP			4.16
		Energy efficiency class		(Lot10)	-
Maximum current			(A)	12.5	
Indoor unit					
Dimension	Main unit	Height	(mm)	320	
		Width	(mm)	1050	
		Depth	(mm)	250	
Weight	Main unit		(kg)	14	
Heat exchanger					Finned tube
Fan unit	Fan				Cross flow fan
	Air flow (H / M / L)		(m³/h)		960 / 830 / 680
	Motor output		(W)		30
Sound pressure level		(H / M / L)	(dB(A))		42 / 39 / 35
Sound power level		(H / M / L)	(dB(A))		57 / 54 / 50
Branch-kit (Sold separately)					RBC-TRP100E
Outdoor unit					
Dimension		Height	(mm)	1050	
		Width	(mm)	1010	
		Depth	(mm)	370	
Weight			(kg)	85	
Compressor type					DC Twin Rotary
Fan unit	Air flow		(m³/h)	4950	
	Motor output		(W)	100	
Refrigerant Quantity in Outdoor unit					2.40
Additional refrigerant charge			(g/m)	35	
Pipe connections	Pipe length at rated performance		(m)	7.5	
	MAX. total length		(m)	50	
	MIN. length		(m)	5	
	MAX. height difference		(m)	30	
	Chargeless length		(m)	30	
Flare connection	Main pipe	Gas / Liquid	(mm)	15.9 / 9.5	
	Branch pipe	Gas / Liquid	(mm)	12.7 / 6.4	
Sound pressure level	Cooling / Heating		(dB(A))	57 / 56	
Sound power level	Cooling / Heating		(dB(A))	74 / 74	
Operating range	Cooling		(°C)	-15 to 46	
	Heating		(°C)	-15 to 15	

*1: The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

*2: The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

Notes:

Rated conditions

Cooling: Indoor air temperature 27°CDB / 19°CWB, Outdoor air temperature 35°CDB

Heating: Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

Floor standing
<Single type>

Model		Indoor unit		RAV-HM	1101FT-E/TR	1401FT-E/TR	1601FT-E/TR
		Outdoor unit		RAV-GM	1102AT8W-E/TR	1402AT8W-E/TR	1602AT8W-E/TR
Cooling capacity				(kW)	9.5 (3.0 - 11.2)	12.1 (3.0 - 13.2)	14.0 (3.0 - 15.0)
Heating capacity				(kW)	11.2 (3.0 - 13.0)	13.0 (3.0 - 16.0)	16.0 (3.0 - 18.0)
Power supply				Phase- Hz-V	3 - 50 - 400 (380 - 415)		
Electrical characteristics	Cooling	Running current	380 V - 415 V	(A)	4.74 - 4.34	7.03 - 6.44	8.47 - 7.76
		Power consumption		(kW)	2.67	4.24	5.22
		Power factor		(%)	86	92	94
		EER			3.55	2.85	2.68
		SEER			5.88	5.35	5.15
		Energy efficiency class		(Lot10)	A+	-	-
	Heating	Running current	380 V - 415 V	(A)	5.33 - 4.88	6.57 - 6.02	9.21 - 8.43
		Power consumption		(kW)	3.07	3.89	5.65
		Power factor		(%)	88	90	93
		COP			3.64	3.34	2.83
		SCOP			3.92	3.90	3.82
		Energy efficiency class		(Lot10)	A	-	-
		Maximum current		(A)	10.3	12.0	12.4
Indoor unit							
Dimension	Main unit	Height	(mm)	1750	1750	1750	
		Width	(mm)	600	600	600	
		Depth	(mm)	390	390	390	
Weight	Main unit		(kg)	59	59	59	
Heat exchanger					Finned tube	Finned tube	Finned tube
Fan unit	Fan				Centrifugal fan	Centrifugal fan	Centrifugal fan
	Air flow (H / M / L)		(m³/h)	1660 / 1420 / 1170	1760 / 1480 / 1350	1760 / 1480 / 1350	
	Motor output		(W)	109	109	109	
Sound pressure level		(H / M / L)	(dB(A))	51 / 46 / 41	53 / 48 / 45	53 / 48 / 45	
Sound power level		(H / M / L)	(dB(A))	65 / 61 / 55	67 / 62 / 59	67 / 62 / 59	
Outdoor unit							
Dimension		Height	(mm)	1050	1050	1050	
		Width	(mm)	1010	1010	1010	
		Depth	(mm)	370	370	370	
Weight			(kg)	85	85	85	
Compressor type					DC Twin Rotary		
Fan unit	Air flow		(m³/h)	4950	4950	4950	
	Motor output		(W)	100	100	100	
Refrigerant Quantity in Outdoor unit					2.40	2.40	2.40
Additional refrigerant charge			(g/m)	35	35	35	
Pipe connections	Pipe length at rated performance		(m)	7.5	7.5	7.5	
	MAX. total length		(m)	50	50	50	
	MIN. length		(m)	5	5	5	
	MAX. height difference		(m)	30	30	30	
	Chargeless length		(m)	30	30	30	
Flare connection	Main pipe	Gas / Liquid	(mm)	15.9 / 9.5	15.9 / 9.5	15.9 / 9.5	
	Branch pipe	Gas / Liquid	(mm)	-	-	-	
Sound pressure level	Cooling / Heating		(dB(A))	53 / 56	56 / 56	57 / 56	
Sound power level	Cooling / Heating		(dB(A))	70 / 73	73 / 74	74 / 74	
Operating range	Cooling		(°C)	-15 to 46	-15 to 46	-15 to 46	
	Heating		(°C)	-15 to 15	-15 to 15	-15 to 15	

*1: The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

*2: The sound level is measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

Notes:

Rated conditions

Cooling: Indoor air temperature 27°CDB / 19°CWB, Outdoor air temperature 35°CDB

Heating: Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

Floor standing
<Twin type>

Model		Indoor unit1		RAV-HM	561FT-E/TR	801FT-E/TR	801FT-E/TR
		Indoor unit2		RAV-HM	561FT-E/TR	801FT-E/TR	801FT-E/TR
		Outdoor unit		RAV-GM	1102AT8W-E/TR	1402AT8W-E/TR	1602AT8W-E/TR
Cooling capacity				(kW)	9.5 (3.0 - 11.2)	12.1 (3.0 - 13.2)	14.0 (3.0 - 15.0)
Heating capacity				(kW)	11.2 (3.0 - 13.0)	13.0 (3.0 - 16.0)	16.0 (3.0 - 18.0)
Power supply				Phase- Hz-V	3 - 50 - 400 (380 - 415)		
Electrical characteristics	Cooling	Running current	380 V - 415 V	(A)	4.74 - 4.34	7.03 - 6.44	8.47 - 7.76
		Power consumption		(kW)	2.67	4.24	5.22
		Power factor		(%)	86	92	94
		EER			3.55	2.85	2.68
		SEER			5.77	5.29	5.09
		Energy efficiency class		(Lot10)	A+	-	-
	Heating	Running current	380 V - 415 V	(A)	5.33 - 4.88	6.57 - 6.02	9.21 - 8.43
		Power consumption		(kW)	3.07	3.89	5.65
		Power factor		(%)	88	90	93
		COP			3.64	3.34	2.83
		SCOP			3.92	3.90	3.82
		Energy efficiency class		(Lot10)	A	-	-
		Maximum current		(A)	10.5	12.0	12.4
Indoor unit							
Dimension	Main unit	Height	(mm)	1750	1750	1750	
		Width	(mm)	600	600	600	
		Depth	(mm)	210	210	210	
Weight	Main unit		(kg)	44	45	45	
Heat exchanger				Finned tube	Finned tube	Finned tube	
Fan unit	Fan			Centrifugal fan	Centrifugal fan	Centrifugal fan	
	Air flow (H / M / L)		(m³/h)	820 / 700 / 600	930 / 770 / 640	930 / 770 / 640	
	Motor output		(W)	62	62	62	
Sound pressure level		(H / M / L)	(dB(A))	46 / 42 / 38	50 / 45 / 41	50 / 45 / 41	
Sound power level		(H / M / L)	(dB(A))	60 / 56 / 52	64 / 60 / 54	64 / 60 / 54	
Branch-kit (Sold separately)				RBC-TWP30E2	RBC-TWP50E2	RBC-TWP50E2	
Outdoor unit							
Dimension		Height	(mm)	1050	1050	1050	
		Width	(mm)	1010	1010	1010	
		Depth	(mm)	370	370	370	
Weight			(kg)	85	85	85	
Compressor type				DC Twin Rotary			
Fan unit	Air flow		(m³/h)	4950	4950	4950	
	Motor output		(W)	100	100	100	
Refrigerant Quantity in Outdoor unit				2.40	2.40	2.40	
Additional refrigerant charge			(g/m)	35	35	35	
Pipe connections	Pipe length at rated performance		(m)	7.5	7.5	7.5	
	MAX. total length		(m)	50	50	50	
	MIN. length		(m)	5	5	5	
	MAX. height difference		(m)	30	30	30	
	Chargeless length		(m)	30	30	30	
Flare connection	Main pipe	Gas / Liquid	(mm)	15.9 / 9.5	15.9 / 9.5	15.9 / 9.5	
	Branch pipe	Gas / Liquid	(mm)	12.7 / 6.4	15.9 / 9.5	15.9 / 9.5	
Sound pressure level	Cooling / Heating		(dB(A))	53 / 56	56 / 56	57 / 56	
Sound power level	Cooling / Heating		(dB(A))	70 / 73	73 / 74	74 / 74	
Operating range	Cooling		(°C)	-15 to 46	-15 to 46	-15 to 46	
	Heating		(°C)	-15 to 15	-15 to 15	-15 to 15	

*1: The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

*2: The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

Notes:

Rated conditions

Cooling: Indoor air temperature 27°CDB / 19°CWB, Outdoor air temperature 35°CDB

Heating: Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

Floor standing
<Triple type>

Model		Indoor unit1		RAV-HM	561FT-E/TR
		Indoor unit2		RAV-HM	561FT-E/TR
		Indoor unit3		RAV-HM	561FT-E/TR
		Outdoor unit		RAV-GM	1602AT8W-E/TR
Cooling capacity				(kW)	14.0 (3.0 - 15.0)
Heating capacity				(kW)	16.0 (3.0 - 18.0)
Power supply				Phase- Hz-V	3 - 50 - 400 (380 - 415)
Electrical characteristics	Cooling	Running current	380 V - 415 V	(A)	8.47 - 7.76
		Power consumption		(kW)	5.22
		Power factor		(%)	94
		EER			2.68
		SEER			5.05
		Energy efficiency class		(Lot10)	-
	Heating	Running current	380 V - 415 V	(A)	9.21 - 8.43
		Power consumption		(kW)	5.65
		Power factor		(%)	93
		COP			2.83
		SCOP			3.82
		Energy efficiency class		(Lot10)	-
		Maximum current	(A)	12.9	
Indoor unit					
Dimension	Main unit		Height	(mm)	1750
			Width	(mm)	600
			Depth	(mm)	210
Weight	Main unit			(kg)	44
Heat exchanger					Finned tube
Fan unit	Fan				Centrifugal fan
	Air flow (H / M / L)			(m³/h)	820 / 700 / 600
	Motor output			(W)	62
Sound pressure level			(H / M / L)	(dB(A))	46 / 42 / 38
Sound power level			(H / M / L)	(dB(A))	60 / 56 / 52
Branch-kit (Sold separately)					RBC-TRP100E
Outdoor unit					
Dimension			Height	(mm)	1050
			Width	(mm)	1010
			Depth	(mm)	370
Weight				(kg)	85
Compressor type					DC Twin Rotary
Fan unit	Air flow			(m³/h)	4950
	Motor output			(W)	100
Refrigerant Quantity in Outdoor unit					2.40
Additional refrigerant charge				(g/m)	35
Pipe connections	Pipe length at rated performance			(m)	7.5
	MAX. total length			(m)	50
	MIN. length			(m)	5
	MAX. height difference			(m)	30
	Chargeless length			(m)	30
Flare connection	Main pipe	Gas / Liquid	(mm)	15.9 / 9.5	
	Branch pipe	Gas / Liquid	(mm)	12.7 / 6.4	
Sound pressure level	Cooling / Heating			(dB(A))	57 / 56
Sound power level	Cooling / Heating			(dB(A))	74 / 74
Operating range	Cooling			(°C)	-15 to 46
	Heating			(°C)	-15 to 15

*1: The Cooling capacity and electrical characteristics are measured under the conditions specified by JIS B 8615-1 based on the reference piping.

The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 meter height.

*2: The sound level are measured in an anechoic chamber in accordance with JIS B 8616. Normally, the values measured in the actual operation environment become larger than the indicated values due to the effects of external sound.

Notes:

Rated conditions

Cooling: Indoor air temperature 27°CDB / 19°CWB, Outdoor air temperature 35°CDB

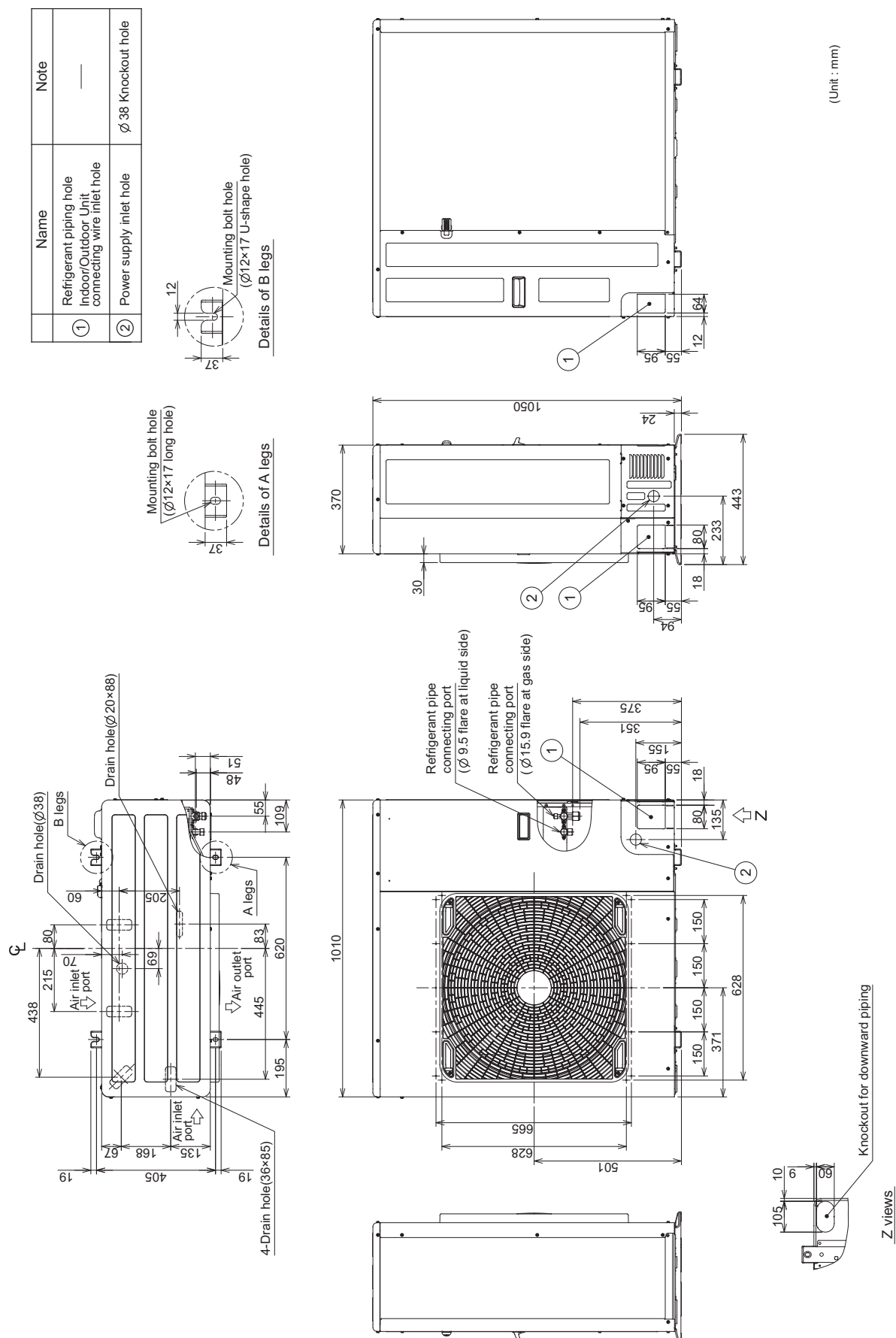
Heating: Indoor air temperature 20°CDB, Outdoor air temperature 7°CDB / 6°CWB

Outdoor unit

Model		Outdoor unit	RAV-GM	1102AT8W-E/TR	1402AT8W-E/TR	1602AT8W-E/TR
Power supply			Phase- Hz-V	3 - 50 - 400 (380 - 415)		
Dimension	Height		(mm)	1050	1050	1050
	Width		(mm)	1010	1010	1010
	Depth		(mm)	370	370	370
Weight			(kg)	85	85	85
Compressor type				DC Twin Rotary		
Fan motor output			(W)	100	100	100
Refrigerant Quantity in Outdoor unit			(kg)	2.40	2.40	2.40
Additional refrigerant charge			(g/m)	35	35	35
Air flow			(m³/h)	4950	4950	4950
Pipe connection	Pipe length at rated performance		(m)	7.5	7.5	7.5
	MAX. total length		(m)	50	50	50
	MIN. length		(m)	5	5	5
	MAX. height difference		(m)	30	30	30
	Chargeless length		(m)	30	30	30
Flare connection		Gas	(mm)	15.9	15.9	15.9
		Liquid	(mm)	9.5	9.5	9.5
Sound pressure level	Cooling		(dB(A))	53	56	57
	Heating		(dB(A))	56	56	56
Sound power level	Cooling		(dB(A))	70	73	74
	Heating		(dB(A))	73	74	74
Operating range	Cooling		(°C)	-15 to 46	-15 to 46	-15 to 46
	Heating		(°C)	-15 to 15	-15 to 15	-15 to 15

2-2. Dimension

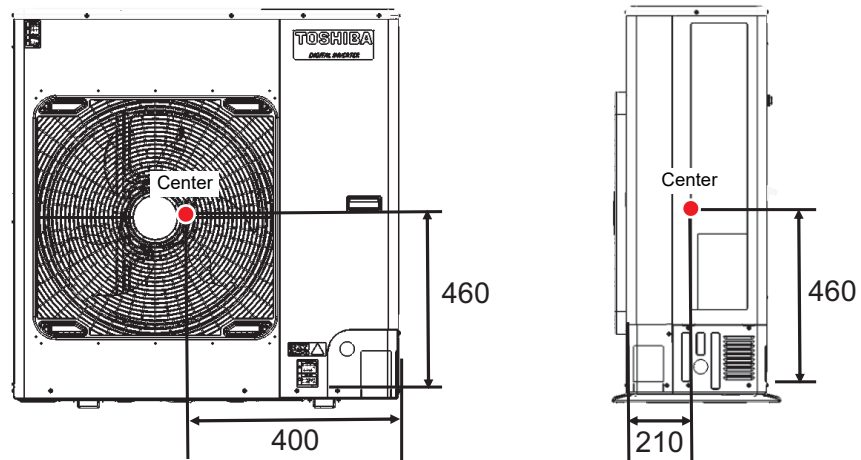
RAV-GM1102AT8W-E/TR, RAV-GM1402AT8W-E/TR, RAV-GM1602AT8W-E/TR



2-3. Center of gravity

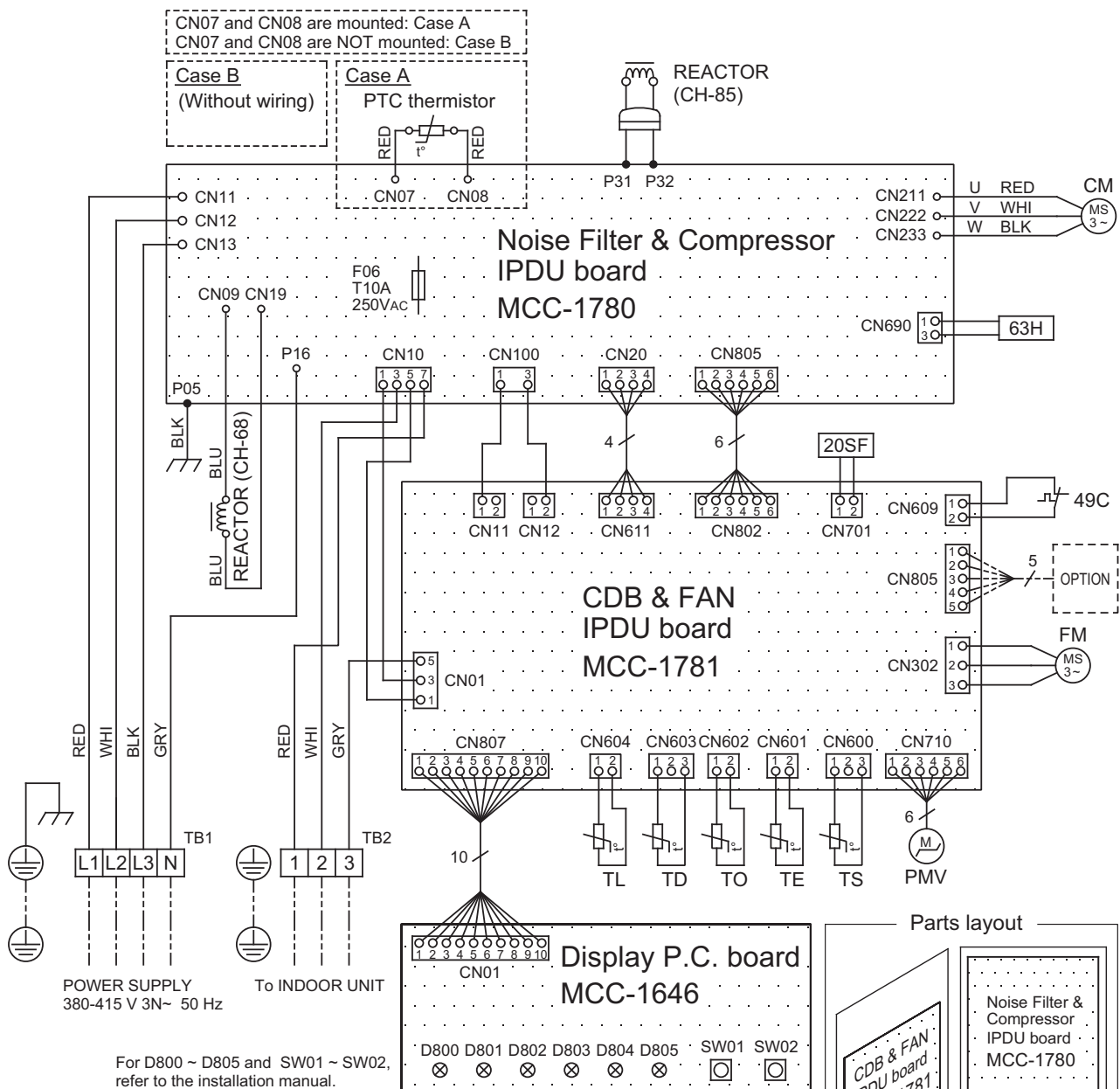
RAV-GM1102AT8W-E/TR, RAV-GM1402AT8W-E/TR, RAV-GM1602AT8W-E/TR

(Unit: mm)



2-4. Wiring drawing

RAV-GM1102AT8W-E/TR, RAV-GM1402AT8W-E/TR, RAV-GM1602AT8W-E/TR



Symbol	Part name
CM	Compressor
FM	Fan motor
F06	Fuse 10A 250V AC
PMV	Pulse motor valve
TB1	Terminal (Power supply)
TB2	Terminal (To Indoor unit)
TD	Pipe temperature sensor(Discharge)
TE	Heat exchanger sensor 1
TL	Heat exchanger sensor 2
TO	Outside temperature sensor
TS	Pipe temperature sensor(Suction)
20SF	4-way valve coil
49C	Compressor case thermostat
63H	High-pressure switch

Color Indication	
BLK	: BLACK
RED	: RED
WHI	: WHITE
GRY	: GRAY
BLU	: BLUE

----	Field wiring
	Protective earth
	Terminal block
	Terminal
	Connector
	P.C. board

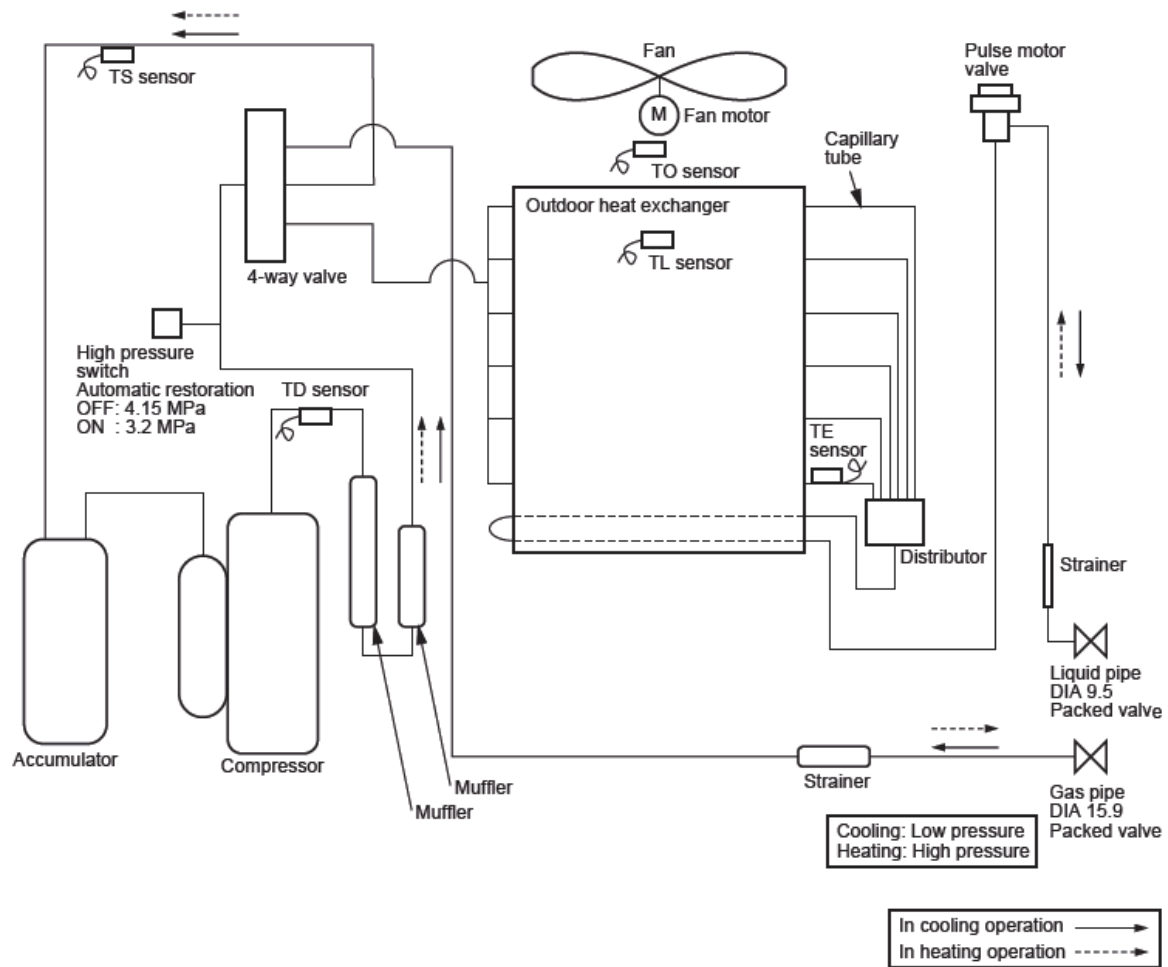
The 4-way valve coil will be energized only during the switching process.

⚠ CAUTION : HIGH VOLTAGE

The high voltage circuit is incorporated. Be careful to do the check service, as the electric shock may be caused in case of touching parts on the P.C. board by hand.

2-5. Refrigerant cycle diagram

RAV-GM1102AT8W-E/TR, RAV-GM1402AT8W-E/TR, RAV-GM1602AT8W-E/TR



2-6. Sensible capacity table

Sensible Heat Capacity: RAV-HM***UTP-E/TR

RAV-GM1102AT8W-E/TR, RAV-HM1101UTP-E/TR

indoor air temp.																				
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
1102	10.0	9.5	7.7	9.8	8.0	10.0	8.2	10.2	8.4	10.5	8.5	10.7	8.5	10.9	8.5	11.4	8.3	12.1	8.0	
	12.0	9.5	7.7	9.8	8.0	10.0	8.2	10.2	8.4	10.5	8.5	10.7	8.5	10.9	8.5	11.4	8.3	12.0	8.0	
	14.0	9.5	7.7	9.7	8.0	9.9	8.2	10.2	8.4	10.5	8.5	10.7	8.5	10.9	8.5	11.4	8.3	12.0	7.9	
	16.0	9.5	7.7	9.7	8.0	9.9	8.2	10.1	8.4	10.4	8.5	10.6	8.5	10.9	8.5	11.4	8.3	12.0	7.9	
	18.0	9.5	7.7	9.7	8.0	9.9	8.2	10.1	8.4	10.4	8.5	10.6	8.5	10.9	8.5	11.4	8.3	11.9	7.9	
	20.0	9.5	7.7	9.7	8.0	9.9	8.2	10.1	8.4	10.4	8.5	10.6	8.5	10.8	8.5	11.3	8.3	11.9	7.9	
	21.0	9.5	7.6	9.6	7.9	9.8	8.2	10.1	8.3	10.4	8.4	10.6	8.5	10.8	8.4	11.3	8.3	11.9	7.9	
	23.0	9.4	7.6	9.6	7.9	9.8	8.1	10.0	8.3	10.3	8.4	10.5	8.4	10.7	8.4	11.2	8.3	11.8	7.9	
	25.0	9.3	7.6	9.5	7.9	9.7	8.1	9.9	8.3	10.2	8.4	10.4	8.4	10.6	8.4	11.1	8.2	11.7	7.8	
	27.0	9.2	7.5	9.4	7.8	9.6	8.1	9.8	8.2	10.1	8.3	10.3	8.4	10.5	8.3	11.0	8.2	11.6	7.8	
	29.0	9.0	7.5	9.2	7.8	9.4	8.0	9.7	8.2	9.9	8.3	10.1	8.3	10.4	8.3	10.8	8.1	11.4	7.7	
	31.0	8.9	7.4	9.0	7.7	9.2	7.9	9.5	8.1	9.8	8.2	10.0	8.2	10.2	8.2	10.7	8.0	11.2	7.7	
	33.0	8.7	7.3	8.9	7.6	9.0	7.8	9.3	8.0	9.5	8.1	9.7	8.1	10.0	8.1	10.4	7.9	11.0	7.6	
	35.0	8.5	7.2	8.6	7.5	8.8	7.7	9.1	7.9	9.3	8.0	9.5	8.0	9.7	8.0	10.2	7.8	10.7	7.5	
	37.0	8.3	7.1	8.4	7.4	8.6	7.6	8.8	7.8	9.0	7.9	9.2	7.9	9.4	7.9	9.9	7.7	10.4	7.3	
	39.0	8.0	6.9	8.1	7.2	8.3	7.4	8.5	7.6	8.8	7.7	8.9	7.7	9.1	7.7	9.5	7.6	10.0	7.2	

RAV-GM1402AT8W-E/TR, RAV-HM1401UTP-E/TR

indoor air temp.																				
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
1402	10.0	12.5	9.3	12.7	9.6	12.9	9.9	13.1	10.0	13.4	10.1	13.6	10.0	13.8	9.9	14.3	9.6	14.9	9.1	
	12.0	12.5	9.3	12.6	9.6	12.9	9.8	13.1	10.0	13.4	10.0	13.6	10.0	13.8	9.9	14.3	9.6	14.8	9.1	
	14.0	12.5	9.3	12.6	9.6	12.8	9.8	13.1	10.0	13.3	10.0	13.5	10.0	13.8	9.9	14.3	9.6	14.8	9.1	
	16.0	12.4	9.2	12.6	9.6	12.8	9.8	13.0	10.0	13.3	10.0	13.5	10.0	13.7	9.9	14.2	9.6	14.8	9.0	
	18.0	12.4	9.2	12.5	9.6	12.7	9.8	13.0	9.9	13.3	10.0	13.5	10.0	13.7	9.9	14.2	9.6	14.8	9.0	
	20.0	12.4	9.2	12.5	9.5	12.7	9.8	13.0	9.9	13.3	10.0	13.5	10.0	13.7	9.9	14.2	9.6	14.8	9.0	
	21.0	12.3	9.2	12.5	9.5	12.7	9.8	13.0	9.9	13.2	10.0	13.5	10.0	13.7	9.9	14.2	9.6	14.8	9.0	
	23.0	12.3	9.2	12.4	9.5	12.7	9.7	12.9	9.9	13.2	10.0	13.4	9.9	13.6	9.9	14.1	9.5	14.7	9.0	
	25.0	12.2	9.1	12.3	9.5	12.5	9.7	12.8	9.9	13.1	9.9	13.3	9.9	13.5	9.8	14.0	9.5	14.6	8.9	
	27.0	12.0	9.1	12.2	9.4	12.4	9.6	12.6	9.8	12.9	9.8	13.1	9.8	13.4	9.7	13.9	9.4	14.4	8.9	
	29.0	11.8	9.0	12.0	9.3	12.2	9.5	12.5	9.7	12.7	9.7	12.9	9.7	13.2	9.6	13.7	9.3	14.2	8.8	
	31.0	11.6	8.9	11.8	9.2	12.0	9.4	12.2	9.6	12.5	9.6	12.7	9.6	12.9	9.5	13.4	9.2	13.9	8.6	
	33.0	11.4	8.7	11.5	9.1	11.7	9.3	12.0	9.5	12.2	9.5	12.4	9.5	12.6	9.4	13.1	9.1	13.6	8.5	
	35.0	11.1	8.6	11.2	8.9	11.4	9.1	11.7	9.3	11.9	9.3	12.1	9.3	12.3	9.2	12.8	8.9	13.3	8.3	
	37.0	10.8	8.4	10.9	8.7	11.1	9.0	11.3	9.1	11.6	9.2	11.7	9.1	11.9	9.0	12.4	8.7	12.9	8.1	
	39.0	10.4	8.2	10.5	8.5	10.7	8.8	10.9	8.9	11.2	8.9	11.3	8.9	11.5	8.8	11.9	8.5	12.4	8.0	

RAV-GM1602AT8W-E/TR, RAV-HM1601UTP-E/TR

indoor air temp.																				
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
1602	10.0	14.5	10.2	14.7	10.5	14.9	10.8	15.2	10.9	15.4	10.9	15.6	10.9	15.9	10.8	16.3	10.3	16.9	9.6	
	12.0	14.5	10.2	14.7	10.5	14.9	10.8	15.1	10.9	15.4	10.9	15.6	10.9	15.8	10.7	16.3	10.3	16.9	9.6	
	14.0	14.5	10.2	14.7	10.5	14.9	10.8	15.1	10.9	15.4	10.9	15.6	10.9	15.8	10.7	16.3	10.3	16.9	9.6	
	16.0	14.5	10.2	14.7	10.5	14.9	10.8	15.1	10.9	15.4	10.9	15.6	10.9	15.8	10.7	16.3	10.3	16.9	9.6	
	18.0	14.5	10.1	14.6	10.5	14.8	10.7	15.1	10.9	15.4	10.9	15.6	10.8	15.8	10.7	16.3	10.3	16.9	9.6	
	20.0	14.5	10.1	14.6	10.5	14.8	10.7	15.1	10.9	15.4	10.9	15.6	10.8	15.8	10.7	16.3	10.3	16.9	9.6	
	21.0	14.4	10.1	14.6	10.5	14.8	10.7	15.1	10.9	15.3	10.9	15.6	10.8	15.8	10.7	16.3	10.3	16.9	9.6	
	23.0	14.4	10.1	14.5	10.5	14.8	10.7	15.0	10.8	15.3	10.9	15.5	10.8	15.7	10.7	16.2	10.3	16.8	9.6	
	25.0	14.3	10.0	14.4	10.4	14.6	10.6	14.9	10.8	15.2	10.8	15.4	10.7	15.6	10.6	16.1	10.2	16.7	9.5	
	27.0	14.1	10.0	14.3	10.3	14.5	10.6	14.7	10.7	15.0	10.7	15.2	10.7	15.4	10.5	15.9	10.1	16.5	9.4	
	29.0	13.9	9.8	14.1	10.2	14.3	10.5	14.5	10.6	14.8	10.6	15.0	10.6	15.2	10.4	15.7	10.0	16.3	9.3	
	31.0	13.6	9.7	13.8	10.1	14.0	10.3	14.2	10.5	14.5	10.5	14.7	10.4	14.9	10.3	15.4	9.9	16.0	9.1	
	33.0	13.3	9.5	13.5	9.9	13.7	10.2	13.9	10.3	14.2	10.3	14.4	10.2	14.6	10.1	15.1	9.7	15.6	8.9	
	35.0	13.0	9.4	13.1	9.7	13.3	10.0	13.6	10.1	13.8	10.1	14.0	10.0	14.2	9.9	14.7	9.5	15.2	8.7	
	37.0	12.6	9.1	12.7	9.5	12.9	9.7	13.1	9.9	13.4	9.9	13.6	9.8	13.8	9.7	14.2	9.2	14.7	8.4	
	39.0	12.1	8.9	12.3	9.2	12.5	9.5	12.7	9.6	12.9	9.6	13.1	9.6	13.3	9.4	13.7	8.9	14.2	8.4	

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

RAV-GM1102AT8W-E/TR, RAV-HM561UTP-E/TR × 2

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1102	10.0	4.8	3.8	4.9	4.0	5.0	4.1	5.1	4.2	5.2	4.3	5.3	4.3	5.5	4.2	5.7	4.2	6.0	4.0
	12.0	4.8	3.8	4.9	4.0	5.0	4.1	5.1	4.2	5.2	4.2	5.3	4.3	5.4	4.2	5.7	4.2	6.0	4.0
	14.0	4.8	3.8	4.9	4.0	5.0	4.1	5.1	4.2	5.2	4.2	5.3	4.3	5.4	4.2	5.7	4.2	6.0	4.0
	16.0	4.8	3.8	4.9	4.0	5.0	4.1	5.1	4.2	5.2	4.2	5.3	4.3	5.4	4.2	5.7	4.2	6.0	4.0
	18.0	4.8	3.8	4.8	4.0	5.0	4.1	5.1	4.2	5.2	4.2	5.3	4.3	5.4	4.2	5.7	4.2	6.0	4.0
	20.0	4.7	3.8	4.8	4.0	4.9	4.1	5.1	4.2	5.2	4.2	5.3	4.2	5.4	4.2	5.7	4.2	6.0	4.0
	21.0	4.7	3.8	4.8	4.0	4.9	4.1	5.0	4.2	5.2	4.2	5.3	4.2	5.4	4.2	5.7	4.1	5.9	4.0
	23.0	4.7	3.8	4.8	4.0	4.9	4.1	5.0	4.2	5.2	4.2	5.3	4.2	5.4	4.2	5.6	4.1	5.9	4.0
	25.0	4.6	3.8	4.7	3.9	4.8	4.1	5.0	4.1	5.1	4.2	5.2	4.2	5.3	4.2	5.6	4.1	5.9	3.9
	27.0	4.6	3.8	4.7	3.9	4.8	4.0	4.9	4.1	5.0	4.2	5.1	4.2	5.3	4.2	5.5	4.1	5.8	3.9
	29.0	4.5	3.7	4.6	3.9	4.7	4.0	4.8	4.1	5.0	4.1	5.1	4.1	5.2	4.1	5.4	4.1	5.7	3.9
	31.0	4.4	3.7	4.5	3.8	4.6	3.9	4.7	4.0	4.9	4.1	5.0	4.1	5.1	4.1	5.3	4.0	5.6	3.8
	33.0	4.3	3.6	4.4	3.8	4.5	3.9	4.6	4.0	4.8	4.0	4.9	4.0	5.0	4.0	5.2	4.0	5.5	3.8
	35.0	4.2	3.6	4.3	3.7	4.4	3.8	4.5	3.9	4.7	4.0	4.8	4.0	4.9	4.0	5.1	3.9	5.3	3.7
	37.0	4.1	3.5	4.2	3.7	4.3	3.8	4.4	3.9	4.5	3.9	4.6	3.9	4.7	3.9	4.9	3.8	5.2	3.6
39.0	4.0	3.4	4.1	3.6	4.2	3.7	4.3	3.8	4.4	3.8	4.5	3.8	4.6	3.8	4.8	3.7	5.0	3.6	

RAV-GM1402AT8W-E/TR, RAV-HM801UTP-E/TR × 2

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1402	10.0	6.3	4.7	6.3	4.8	6.4	4.9	6.6	5.0	6.7	5.0	6.8	5.0	6.9	5.0	7.2	4.8	7.4	4.5
	12.0	6.2	4.7	6.3	4.8	6.4	4.9	6.5	5.0	6.7	5.0	6.8	5.0	6.9	5.0	7.1	4.8	7.4	4.5
	14.0	6.2	4.7	6.3	4.8	6.4	4.9	6.5	5.0	6.7	5.0	6.8	5.0	6.9	5.0	7.1	4.8	7.4	4.5
	16.0	6.2	4.7	6.3	4.8	6.4	4.9	6.5	5.0	6.7	5.0	6.8	5.0	6.9	5.0	7.1	4.8	7.4	4.5
	18.0	6.2	4.6	6.3	4.8	6.4	4.9	6.5	5.0	6.6	5.0	6.7	5.0	6.9	5.0	7.1	4.8	7.4	4.5
	20.0	6.2	4.6	6.3	4.8	6.4	4.9	6.5	5.0	6.6	5.0	6.7	5.0	6.9	5.0	7.1	4.8	7.4	4.5
	21.0	6.2	4.6	6.3	4.8	6.4	4.9	6.5	5.0	6.6	5.0	6.7	5.0	6.8	5.0	7.1	4.8	7.4	4.5
	23.0	6.1	4.6	6.2	4.8	6.3	4.9	6.4	5.0	6.6	5.0	6.7	5.0	6.8	5.0	7.1	4.8	7.3	4.5
	25.0	6.1	4.6	6.2	4.8	6.3	4.9	6.4	5.0	6.5	5.0	6.6	5.0	6.8	5.0	7.0	4.8	7.3	4.5
	27.0	6.0	4.6	6.1	4.8	6.2	4.9	6.3	5.0	6.5	5.0	6.6	5.0	6.7	4.9	6.9	4.8	7.2	4.5
	29.0	5.9	4.6	6.0	4.7	6.1	4.8	6.2	4.9	6.4	5.0	6.5	4.9	6.6	4.9	6.8	4.7	7.1	4.5
	31.0	5.8	4.5	5.9	4.7	6.0	4.8	6.1	4.9	6.2	4.9	6.4	4.9	6.5	4.9	6.7	4.7	7.0	4.4
	33.0	5.7	4.5	5.8	4.6	5.9	4.8	6.0	4.8	6.1	4.9	6.2	4.9	6.3	4.8	6.6	4.7	6.8	4.4
	35.0	5.5	4.4	5.6	4.6	5.7	4.7	5.8	4.8	6.0	4.8	6.1	4.8	6.2	4.8	6.4	4.6	6.6	4.3
	37.0	5.4	4.3	5.5	4.5	5.5	4.6	5.7	4.7	5.8	4.7	5.9	4.7	6.0	4.7	6.2	4.5	6.4	4.2
39.0	5.2	4.3	5.3	4.4	5.4	4.6	5.5	4.6	5.6	4.7	5.7	4.7	5.8	4.6	6.0	4.4	6.2	4.2	

RAV-GM1602AT8W-E/TR, RAV-HM801UTP-E/TR × 2

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1602	10.0	7.3	5.1	7.4	5.3	7.5	5.4	7.6	5.5	7.7	5.5	7.8	5.5	7.9	5.4	8.2	5.2	8.4	4.9
	12.0	7.3	5.1	7.3	5.3	7.4	5.4	7.6	5.5	7.7	5.5	7.8	5.5	7.9	5.4	8.2	5.2	8.4	4.9
	14.0	7.3	5.1	7.3	5.3	7.4	5.4	7.6	5.5	7.7	5.5	7.8	5.5	7.9	5.4	8.2	5.2	8.4	4.9
	16.0	7.2	5.1	7.3	5.3	7.4	5.4	7.6	5.5	7.7	5.5	7.8	5.5	7.9	5.4	8.2	5.2	8.4	4.9
	18.0	7.2	5.1	7.3	5.3	7.4	5.4	7.5	5.5	7.7	5.5	7.8	5.5	7.9	5.4	8.2	5.2	8.4	4.9
	20.0	7.2	5.1	7.3	5.3	7.4	5.4	7.5	5.5	7.7	5.5	7.8	5.5	7.9	5.4	8.2	5.2	8.4	4.9
	21.0	7.2	5.1	7.3	5.3	7.4	5.4	7.5	5.5	7.7	5.5	7.8	5.5	7.9	5.4	8.1	5.2	8.4	4.9
	23.0	7.2	5.1	7.3	5.3	7.4	5.4	7.5	5.5	7.6	5.5	7.7	5.5	7.9	5.4	8.1	5.2	8.4	4.8
	25.0	7.1	5.1	7.2	5.3	7.3	5.4	7.4	5.5	7.6	5.5	7.7	5.5	7.8	5.4	8.1	5.2	8.3	4.8
	27.0	7.1	5.1	7.1	5.3	7.2	5.4	7.4	5.5	7.5	5.5	7.6	5.4	7.7	5.4	8.0	5.2	8.2	4.8
	29.0	6.9	5.1	7.0	5.3	7.1	5.4	7.3	5.4	7.4	5.5	7.5	5.4	7.6	5.4	7.8	5.1	8.1	4.8
	31.0	6.8	5.0	6.9	5.2	7.0	5.3	7.1	5.4	7.3	5.4	7.4	5.4	7.5	5.3	7.7	5.1	8.0	4.8
	33.0	6.7	5.0	6.7	5.2	6.8	5.3	7.0	5.4	7.1	5.4	7.2	5.4	7.3	5.3	7.5	5.1	7.8	4.7
	35.0	6.5	4.9	6.6	5.1	6.7	5.3	6.8	5.3	6.9	5.3	7.0	5.3	7.1	5.3	7.3	5.0	7.6	4.7
	37.0	6.3	4.9	6.4	5.1	6.5	5.2	6.6	5.3	6.7	5.3	6.8	5.3	6.9	5.2	7.1	5.0	7.4	4.6
	39.0	6.1	4.8	6.1	5.0	6.2	5.1	6.3	5.2	6.5	5.2	6.5	5.2	6.6	5.1	6.8	4.9	7.1	4.5

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

RAV-GM1602AT8W-E/TR, RAV-HM561UTP-E/TR × 3

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1602	10.0	4.8	3.8	4.9	4.0	5.0	4.0	5.1	4.1	5.1	4.1	5.2	4.1	5.3	4.1	5.4	3.9	5.6	3.7
	12.0	4.8	3.8	4.9	4.0	5.0	4.0	5.0	4.1	5.1	4.1	5.2	4.1	5.3	4.1	5.4	3.9	5.6	3.7
	14.0	4.8	3.8	4.9	4.0	5.0	4.0	5.0	4.1	5.1	4.1	5.2	4.1	5.3	4.1	5.4	3.9	5.6	3.7
	16.0	4.8	3.8	4.9	4.0	5.0	4.0	5.0	4.1	5.1	4.1	5.2	4.1	5.3	4.1	5.4	3.9	5.6	3.7
	18.0	4.8	3.8	4.9	3.9	4.9	4.0	5.0	4.1	5.1	4.1	5.2	4.1	5.3	4.1	5.4	3.9	5.6	3.7
	20.0	4.8	3.8	4.9	3.9	4.9	4.0	5.0	4.1	5.1	4.1	5.2	4.1	5.3	4.1	5.4	3.9	5.6	3.7
	21.0	4.8	3.8	4.9	3.9	4.9	4.0	5.0	4.1	5.1	4.1	5.2	4.1	5.3	4.0	5.4	3.9	5.6	3.7
	23.0	4.8	3.8	4.8	3.9	4.9	4.0	5.0	4.1	5.1	4.1	5.2	4.1	5.2	4.0	5.4	3.9	5.6	3.7
	25.0	4.8	3.8	4.8	3.9	4.9	4.0	5.0	4.1	5.1	4.1	5.1	4.1	5.2	4.0	5.4	3.9	5.6	3.7
	27.0	4.7	3.8	4.8	3.9	4.8	4.0	4.9	4.1	5.0	4.1	5.1	4.1	5.1	4.0	5.3	3.9	5.5	3.7
	29.0	4.6	3.8	4.7	3.9	4.8	4.0	4.8	4.0	4.9	4.0	5.0	4.0	5.1	4.0	5.2	3.9	5.4	3.6
	31.0	4.5	3.7	4.6	3.9	4.7	4.0	4.7	4.0	4.8	4.0	4.9	4.0	5.0	4.0	5.1	3.8	5.3	3.6
	33.0	4.4	3.7	4.5	3.8	4.6	3.9	4.6	4.0	4.7	4.0	4.8	4.0	4.9	3.9	5.0	3.8	5.2	3.6
	35.0	4.3	3.7	4.4	3.8	4.4	3.9	4.5	3.9	4.6	3.9	4.7	3.9	4.7	3.9	4.9	3.8	5.1	3.5
	37.0	4.2	3.6	4.2	3.7	4.3	3.8	4.4	3.9	4.5	3.9	4.5	3.9	4.6	3.8	4.7	3.7	4.9	3.5
	39.0	4.0	3.5	4.1	3.7	4.2	3.8	4.2	3.8	4.3	3.8	4.4	3.8	4.4	3.8	4.6	3.6	4.7	3.4

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

Sensible Heat Capacity: RAV-HM***MUT-E/TR

RAV-GM1102AT8W-E/TR, RAV-HM561MUT-E/TR × 2

indoor air temp.																				
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
1102	10.0	4.8	3.5	4.9	3.7	5.0	3.8	5.1	3.9	5.2	3.9	5.3	3.9	5.5	3.9	5.7	3.8	6.0	3.6	
	12.0	4.8	3.5	4.9	3.7	5.0	3.8	5.1	3.9	5.2	3.9	5.3	3.9	5.4	3.9	5.7	3.8	6.0	3.6	
	14.0	4.8	3.5	4.9	3.7	5.0	3.8	5.1	3.9	5.2	3.9	5.3	3.9	5.4	3.9	5.7	3.8	6.0	3.6	
	16.0	4.8	3.5	4.9	3.7	5.0	3.8	5.1	3.9	5.2	3.9	5.3	3.9	5.4	3.9	5.7	3.8	6.0	3.6	
	18.0	4.8	3.5	4.8	3.7	5.0	3.8	5.1	3.9	5.2	3.9	5.3	3.9	5.4	3.9	5.7	3.8	6.0	3.6	
	20.0	4.7	3.5	4.8	3.7	4.9	3.8	5.1	3.9	5.2	3.9	5.3	3.9	5.4	3.9	5.7	3.8	6.0	3.6	
	21.0	4.7	3.5	4.8	3.7	4.9	3.8	5.0	3.9	5.2	3.9	5.3	3.9	5.4	3.9	5.7	3.8	5.9	3.6	
	23.0	4.7	3.5	4.8	3.6	4.9	3.8	5.0	3.8	5.2	3.9	5.3	3.9	5.4	3.9	5.6	3.8	5.9	3.6	
	25.0	4.6	3.5	4.7	3.6	4.8	3.7	5.0	3.8	5.1	3.9	5.2	3.9	5.3	3.9	5.6	3.8	5.9	3.6	
	27.0	4.6	3.5	4.7	3.6	4.8	3.7	4.9	3.8	5.0	3.8	5.1	3.8	5.3	3.8	5.5	3.7	5.8	3.5	
	29.0	4.5	3.4	4.6	3.6	4.7	3.7	4.8	3.8	5.0	3.8	5.1	3.8	5.2	3.8	5.4	3.7	5.7	3.5	
	31.0	4.4	3.4	4.5	3.5	4.6	3.6	4.7	3.7	4.9	3.8	5.0	3.8	5.1	3.7	5.3	3.6	5.6	3.4	
	33.0	4.3	3.3	4.4	3.5	4.5	3.6	4.6	3.7	4.8	3.7	4.9	3.7	5.0	3.7	5.2	3.6	5.5	3.4	
	35.0	4.2	3.3	4.3	3.4	4.4	3.5	4.5	3.6	4.7	3.6	4.8	3.7	4.9	3.6	5.1	3.5	5.3	3.3	
	37.0	4.1	3.2	4.2	3.4	4.3	3.5	4.4	3.5	4.5	3.6	4.6	3.6	4.7	3.6	4.9	3.5	5.2	3.3	
	39.0	4.0	3.1	4.1	3.3	4.2	3.4	4.3	3.5	4.4	3.5	4.5	3.5	4.6	3.5	4.8	3.4	5.0	3.2	

RAV-GM1602AT8W-E/TR, RAV-HM561MUT-E/TR × 3

indoor air temp.																				
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
1602	10.0	4.8	3.6	4.9	3.7	5.0	3.8	5.1	3.8	5.1	3.8	5.2	3.8	5.3	3.8	5.4	3.6	5.6	3.4	
	12.0	4.8	3.6	4.9	3.7	5.0	3.8	5.0	3.8	5.1	3.8	5.2	3.8	5.3	3.8	5.4	3.6	5.6	3.4	
	14.0	4.8	3.6	4.9	3.7	5.0	3.8	5.0	3.8	5.1	3.8	5.2	3.8	5.3	3.8	5.4	3.6	5.6	3.4	
	16.0	4.8	3.5	4.9	3.7	5.0	3.8	5.0	3.8	5.1	3.8	5.2	3.8	5.3	3.7	5.4	3.6	5.6	3.4	
	18.0	4.8	3.5	4.9	3.7	4.9	3.7	5.0	3.8	5.1	3.8	5.2	3.8	5.3	3.7	5.4	3.6	5.6	3.4	
	20.0	4.8	3.5	4.9	3.7	4.9	3.7	5.0	3.8	5.1	3.8	5.2	3.8	5.3	3.7	5.4	3.6	5.6	3.4	
	21.0	4.8	3.5	4.9	3.7	4.9	3.7	5.0	3.8	5.1	3.8	5.2	3.8	5.3	3.7	5.4	3.6	5.6	3.4	
	23.0	4.8	3.5	4.8	3.7	4.9	3.7	5.0	3.8	5.1	3.8	5.2	3.8	5.2	3.7	5.4	3.6	5.6	3.4	
	25.0	4.8	3.5	4.8	3.6	4.9	3.7	5.0	3.8	5.1	3.8	5.1	3.8	5.2	3.7	5.4	3.6	5.6	3.4	
	27.0	4.7	3.5	4.8	3.6	4.8	3.7	4.9	3.8	5.0	3.8	5.1	3.7	5.1	3.7	5.3	3.6	5.5	3.3	
	29.0	4.6	3.5	4.7	3.6	4.8	3.7	4.8	3.7	4.9	3.7	5.0	3.7	5.1	3.7	5.2	3.5	5.4	3.3	
	31.0	4.5	3.4	4.6	3.6	4.7	3.7	4.7	3.7	4.8	3.7	4.9	3.7	5.0	3.7	5.1	3.5	5.3	3.3	
	33.0	4.4	3.4	4.5	3.5	4.6	3.6	4.6	3.7	4.7	3.7	4.8	3.7	4.9	3.6	5.0	3.5	5.2	3.2	
	35.0	4.3	3.4	4.4	3.5	4.4	3.6	4.5	3.6	4.6	3.6	4.7	3.6	4.7	3.6	4.9	3.4	5.1	3.2	
	37.0	4.2	3.3	4.2	3.4	4.3	3.5	4.4	3.6	4.5	3.6	4.5	3.6	4.6	3.5	4.7	3.4	4.9	3.1	
	39.0	4.0	3.2	4.1	3.4	4.2	3.4	4.2	3.5	4.3	3.5	4.4	3.5	4.4	3.4	4.6	3.3	4.7	3.0	

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

Sensible Heat Capacity: RAV-HM***BTP-E/TR

RAV-GM1102AT8W-E/TR, RAV-HM1101BTP-E/TR

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1102	10.0	9.5	7.9	9.8	8.3	10.0	8.5	10.2	8.7	10.5	8.8	10.7	8.8	10.9	8.8	11.4	8.6	12.1	8.3
	12.0	9.5	7.9	9.8	8.3	10.0	8.5	10.2	8.7	10.5	8.8	10.7	8.8	10.9	8.8	11.4	8.6	12.0	8.3
	14.0	9.5	7.9	9.7	8.3	9.9	8.5	10.2	8.7	10.5	8.8	10.7	8.8	10.9	8.8	11.4	8.6	12.0	8.3
	16.0	9.5	7.9	9.7	8.2	9.9	8.5	10.1	8.7	10.4	8.8	10.6	8.8	10.9	8.8	11.4	8.6	12.0	8.3
	18.0	9.5	7.9	9.7	8.2	9.9	8.5	10.1	8.7	10.4	8.8	10.6	8.8	10.9	8.8	11.4	8.6	11.9	8.3
	20.0	9.5	7.9	9.7	8.2	9.9	8.5	10.1	8.6	10.4	8.7	10.6	8.8	10.8	8.8	11.3	8.6	11.9	8.2
	21.0	9.5	7.9	9.6	8.2	9.8	8.5	10.1	8.6	10.4	8.7	10.6	8.8	10.8	8.8	11.3	8.6	11.9	8.2
	23.0	9.4	7.9	9.6	8.2	9.8	8.4	10.0	8.6	10.3	8.7	10.5	8.7	10.7	8.7	11.2	8.6	11.8	8.2
	25.0	9.3	7.8	9.5	8.1	9.7	8.4	9.9	8.6	10.2	8.7	10.4	8.7	10.6	8.7	11.1	8.5	11.7	8.2
	27.0	9.2	7.8	9.4	8.1	9.6	8.3	9.8	8.5	10.1	8.6	10.3	8.6	10.5	8.6	11.0	8.5	11.6	8.1
	29.0	9.0	7.7	9.2	8.0	9.4	8.3	9.7	8.4	9.9	8.5	10.1	8.6	10.4	8.6	10.8	8.4	11.4	8.1
	31.0	8.9	7.6	9.0	7.9	9.2	8.2	9.5	8.4	9.8	8.5	10.0	8.5	10.2	8.5	10.7	8.3	11.2	8.0
	33.0	8.7	7.5	8.9	7.8	9.0	8.1	9.3	8.3	9.5	8.4	9.7	8.4	10.0	8.4	10.4	8.2	11.0	7.9
	35.0	8.5	7.4	8.6	7.7	8.8	8.0	9.1	8.1	9.3	8.3	9.5	8.3	9.7	8.3	10.2	8.1	10.7	7.8
	37.0	8.3	7.3	8.4	7.6	8.6	7.8	8.8	8.0	9.0	8.1	9.2	8.1	9.4	8.1	9.9	8.0	10.4	7.6
	39.0	8.0	7.2	8.1	7.4	8.3	7.7	8.5	7.9	8.8	8.0	8.9	8.0	9.1	8.0	9.5	7.8	10.0	7.5

RAV-GM1402AT8W-E/TR, RAV-HM1401BTP-E/TR

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1402	10.0	12.5	9.2	12.7	9.5	12.9	9.7	13.1	9.9	13.4	9.9	13.6	9.9	13.8	9.8	14.3	9.5	14.9	8.9
	12.0	12.5	9.2	12.6	9.5	12.9	9.7	13.1	9.9	13.4	9.9	13.6	9.9	13.8	9.8	14.3	9.5	14.8	8.9
	14.0	12.5	9.2	12.6	9.5	12.8	9.7	13.1	9.9	13.3	9.9	13.5	9.9	13.8	9.8	14.3	9.5	14.8	8.9
	16.0	12.4	9.1	12.6	9.5	12.8	9.7	13.0	9.9	13.3	9.9	13.5	9.9	13.7	9.8	14.2	9.5	14.8	8.9
	18.0	12.4	9.1	12.5	9.5	12.7	9.7	13.0	9.8	13.3	9.9	13.5	9.9	13.7	9.8	14.2	9.5	14.8	8.9
	20.0	12.4	9.1	12.5	9.4	12.7	9.7	13.0	9.8	13.3	9.9	13.5	9.9	13.7	9.8	14.2	9.5	14.8	8.9
	21.0	12.3	9.1	12.5	9.4	12.7	9.7	13.0	9.8	13.2	9.9	13.5	9.9	13.7	9.8	14.2	9.5	14.8	8.9
	23.0	12.3	9.1	12.4	9.4	12.7	9.7	12.9	9.8	13.2	9.9	13.4	9.8	13.6	9.7	14.1	9.4	14.7	8.9
	25.0	12.2	9.0	12.3	9.4	12.5	9.6	12.8	9.8	13.1	9.8	13.3	9.8	13.5	9.7	14.0	9.4	14.6	8.8
	27.0	12.0	9.0	12.2	9.3	12.4	9.6	12.6	9.7	12.9	9.8	13.1	9.7	13.4	9.7	13.9	9.3	14.4	8.8
	29.0	11.8	8.9	12.0	9.2	12.2	9.5	12.5	9.6	12.7	9.7	12.9	9.7	13.2	9.6	13.7	9.3	14.2	8.7
	31.0	11.6	8.8	11.8	9.1	12.0	9.4	12.2	9.5	12.5	9.6	12.7	9.6	12.9	9.5	13.4	9.2	13.9	8.6
	33.0	11.4	8.7	11.5	9.0	11.7	9.3	12.0	9.4	12.2	9.5	12.4	9.5	12.6	9.4	13.1	9.0	13.6	8.5
	35.0	11.1	8.6	11.2	8.9	11.4	9.2	11.7	9.3	11.9	9.4	12.1	9.3	12.3	9.2	12.8	8.9	13.3	8.3
	37.0	10.8	8.4	10.9	8.8	11.1	9.0	11.3	9.1	11.6	9.2	11.7	9.2	11.9	9.1	12.4	8.7	12.9	8.1
	39.0	10.4	8.2	10.5	8.6	10.7	8.8	10.9	9.0	11.2	9.0	11.3	9.0	11.5	8.9	11.9	8.5	12.4	8.1

RAV-GM1602AT8W-E/TR, RAV-HM1601BTP-E/TR

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1602	10.0	14.5	10.3	14.7	10.6	14.9	10.8	15.2	11.0	15.4	11.0	15.6	10.9	15.9	10.8	16.3	10.4	16.9	9.7
	12.0	14.5	10.2	14.7	10.6	14.9	10.8	15.1	11.0	15.4	11.0	15.6	10.9	15.8	10.8	16.3	10.4	16.9	9.7
	14.0	14.5	10.2	14.7	10.6	14.9	10.8	15.1	11.0	15.4	11.0	15.6	10.9	15.8	10.8	16.3	10.4	16.9	9.7
	16.0	14.5	10.2	14.7	10.6	14.9	10.8	15.1	11.0	15.4	11.0	15.6	10.9	15.8	10.8	16.3	10.4	16.9	9.7
	18.0	14.5	10.2	14.6	10.6	14.8	10.8	15.1	11.0	15.4	11.0	15.6	10.9	15.8	10.8	16.3	10.4	16.9	9.7
	20.0	14.5	10.2	14.6	10.6	14.8	10.8	15.1	10.9	15.4	11.0	15.6	10.9	15.8	10.8	16.3	10.4	16.9	9.7
	21.0	14.4	10.2	14.6	10.6	14.8	10.8	15.1	10.9	15.3	11.0	15.6	10.9	15.8	10.8	16.3	10.4	16.9	9.7
	23.0	14.4	10.2	14.5	10.5	14.8	10.8	15.0	10.9	15.3	10.9	15.5	10.9	15.7	10.8	16.2	10.4	16.8	9.7
	25.0	14.3	10.1	14.4	10.5	14.6	10.7	14.9	10.9	15.2	10.9	15.4	10.8	15.6	10.7	16.1	10.3	16.7	9.6
	27.0	14.1	10.1	14.3	10.4	14.5	10.7	14.7	10.8	15.0	10.8	15.2	10.8	15.4	10.7	15.9	10.2	16.5	9.5
	29.0	13.9	10.0	14.1	10.3	14.3	10.6	14.5	10.7	14.8	10.7	15.0	10.7	15.2	10.6	15.7	10.1	16.3	9.4
	31.0	13.6	9.8	13.8	10.2	14.0	10.5	14.2	10.6	14.5	10.6	14.7	10.6	14.9	10.4	15.4	10.0	16.0	9.3
	33.0	13.3	9.7	13.5	10.1	13.7	10.3	13.9	10.5	14.2	10.5	14.4	10.4	14.6	10.3	15.1	9.8	15.6	9.1
	35.0	13.0	9.5	13.1	9.9	13.3	10.1	13.6	10.3	13.8	10.3	14.0	10.2	14.2	10.1	14.7	9.7	15.2	8.9
	37.0	12.6	9.3	12.7	9.7	12.9	10.0	13.1	10.1	13.4	10.1	13.6	10.0	13.8	9.9	14.2	9.4	14.7	8.7
	39.0	12.1	9.1	12.3	9.5	12.5	9.7	12.7	9.9	12.9	9.9	13.1	9.8	13.3	9.7	13.7	9.2	14.2	8.6

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

RAV-GM1102AT8W-E/TR, RAV-HM561BTP-E/TR × 2

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1102	10.0	4.8	3.9	4.9	4.1	5.0	4.2	5.1	4.3	5.2	4.4	5.3	4.4	5.5	4.4	5.7	4.3	6.0	4.1
	12.0	4.8	3.9	4.9	4.1	5.0	4.2	5.1	4.3	5.2	4.4	5.3	4.4	5.4	4.4	5.7	4.3	6.0	4.1
	14.0	4.8	3.9	4.9	4.1	5.0	4.2	5.1	4.3	5.2	4.4	5.3	4.4	5.4	4.4	5.7	4.3	6.0	4.1
	16.0	4.8	3.9	4.9	4.1	5.0	4.2	5.1	4.3	5.2	4.4	5.3	4.4	5.4	4.4	5.7	4.3	6.0	4.1
	18.0	4.8	3.9	4.8	4.1	5.0	4.2	5.1	4.3	5.2	4.4	5.3	4.4	5.4	4.4	5.7	4.3	6.0	4.1
	20.0	4.7	3.9	4.8	4.1	4.9	4.2	5.1	4.3	5.2	4.3	5.3	4.4	5.4	4.4	5.7	4.3	6.0	4.1
	21.0	4.7	3.9	4.8	4.1	4.9	4.2	5.0	4.3	5.2	4.3	5.3	4.4	5.4	4.3	5.7	4.3	5.9	4.1
	23.0	4.7	3.9	4.8	4.1	4.9	4.2	5.0	4.3	5.2	4.3	5.3	4.3	5.4	4.3	5.6	4.3	5.9	4.1
	25.0	4.6	3.9	4.7	4.0	4.8	4.2	5.0	4.3	5.1	4.3	5.2	4.3	5.3	4.3	5.6	4.2	5.9	4.1
	27.0	4.6	3.9	4.7	4.0	4.8	4.1	4.9	4.2	5.0	4.3	5.1	4.3	5.3	4.3	5.5	4.2	5.8	4.0
	29.0	4.5	3.8	4.6	4.0	4.7	4.1	4.8	4.2	5.0	4.2	5.1	4.3	5.2	4.3	5.4	4.2	5.7	4.0
	31.0	4.4	3.8	4.5	3.9	4.6	4.1	4.7	4.2	4.9	4.2	5.0	4.2	5.1	4.2	5.3	4.1	5.6	4.0
	33.0	4.3	3.7	4.4	3.9	4.5	4.0	4.6	4.1	4.8	4.2	4.9	4.2	5.0	4.2	5.2	4.1	5.5	3.9
	35.0	4.2	3.7	4.3	3.8	4.4	4.0	4.5	4.0	4.7	4.1	4.8	4.1	4.9	4.1	5.1	4.0	5.3	3.9
	37.0	4.1	3.6	4.2	3.8	4.3	3.9	4.4	4.0	4.5	4.0	4.6	4.0	4.7	4.0	4.9	4.0	5.2	3.8
	39.0	4.0	3.6	4.1	3.7	4.2	3.8	4.3	3.9	4.4	4.0	4.5	4.0	4.6	4.0	4.8	3.9	5.0	3.7

RAV-GM1402AT8W-E/TR, RAV-HM801BTP-E/TR × 2

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1402	10.0	6.3	4.8	6.3	4.9	6.4	5.0	6.6	5.1	6.7	5.1	6.8	5.1	6.9	5.1	7.2	4.9	7.4	4.7
	12.0	6.2	4.8	6.3	4.9	6.4	5.0	6.5	5.1	6.7	5.1	6.8	5.1	6.9	5.1	7.1	4.9	7.4	4.7
	14.0	6.2	4.8	6.3	4.9	6.4	5.0	6.5	5.1	6.7	5.1	6.8	5.1	6.9	5.1	7.1	4.9	7.4	4.6
	16.0	6.2	4.7	6.3	4.9	6.4	5.0	6.5	5.1	6.7	5.1	6.8	5.1	6.9	5.1	7.1	4.9	7.4	4.6
	18.0	6.2	4.7	6.3	4.9	6.4	5.0	6.5	5.1	6.6	5.1	6.7	5.1	6.9	5.1	7.1	4.9	7.4	4.6
	20.0	6.2	4.7	6.3	4.9	6.4	5.0	6.5	5.1	6.6	5.1	6.7	5.1	6.9	5.1	7.1	4.9	7.4	4.6
	21.0	6.2	4.7	6.3	4.9	6.4	5.0	6.5	5.1	6.6	5.1	6.7	5.1	6.8	5.1	7.1	4.9	7.4	4.6
	23.0	6.1	4.7	6.2	4.9	6.3	5.0	6.4	5.1	6.6	5.1	6.7	5.1	6.8	5.1	7.1	4.9	7.3	4.6
	25.0	6.1	4.7	6.2	4.9	6.3	5.0	6.4	5.1	6.5	5.1	6.6	5.1	6.8	5.1	7.0	4.9	7.3	4.6
	27.0	6.0	4.7	6.1	4.9	6.2	5.0	6.3	5.1	6.5	5.1	6.6	5.1	6.7	5.0	6.9	4.9	7.2	4.6
	29.0	5.9	4.7	6.0	4.8	6.1	5.0	6.2	5.0	6.4	5.1	6.5	5.1	6.6	5.0	6.8	4.9	7.1	4.6
	31.0	5.8	4.6	5.9	4.8	6.0	4.9	6.1	5.0	6.2	5.0	6.4	5.0	6.5	5.0	6.7	4.8	7.0	4.5
	33.0	5.7	4.6	5.8	4.8	5.9	4.9	6.0	5.0	6.1	5.0	6.2	5.0	6.3	4.9	6.6	4.8	6.8	4.5
	35.0	5.5	4.5	5.6	4.7	5.7	4.8	5.8	4.9	6.0	4.9	6.1	4.9	6.2	4.9	6.4	4.7	6.6	4.4
	37.0	5.4	4.5	5.5	4.6	5.5	4.8	5.7	4.8	5.8	4.9	5.9	4.9	6.0	4.8	6.2	4.7	6.4	4.4
	39.0	5.2	4.4	5.3	4.6	5.4	4.7	5.5	4.8	5.6	4.8	5.7	4.8	5.8	4.8	6.0	4.6	6.2	4.3

RAV-GM1602AT8W-E/TR, RAV-HM801BTP-E/TR × 2

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1602	10.0	7.3	5.2	7.4	5.4	7.5	5.5	7.6	5.6	7.7	5.6	7.8	5.6	7.9	5.5	8.2	5.3	8.4	4.9
	12.0	7.3	5.2	7.3	5.4	7.4	5.5	7.6	5.6	7.7	5.6	7.8	5.6	7.9	5.5	8.2	5.3	8.4	4.9
	14.0	7.3	5.2	7.3	5.4	7.4	5.5	7.6	5.6	7.7	5.6	7.8	5.6	7.9	5.5	8.2	5.3	8.4	4.9
	16.0	7.2	5.2	7.3	5.4	7.4	5.5	7.6	5.6	7.7	5.6	7.8	5.6	7.9	5.5	8.2	5.3	8.4	4.9
	18.0	7.2	5.2	7.3	5.4	7.4	5.5	7.5	5.6	7.7	5.6	7.8	5.6	7.9	5.5	8.2	5.3	8.4	4.9
	20.0	7.2	5.2	7.3	5.4	7.4	5.5	7.5	5.6	7.7	5.6	7.8	5.6	7.9	5.5	8.2	5.3	8.4	4.9
	21.0	7.2	5.2	7.3	5.4	7.4	5.5	7.5	5.6	7.7	5.6	7.8	5.6	7.9	5.5	8.1	5.3	8.4	4.9
	23.0	7.2	5.2	7.3	5.4	7.4	5.5	7.5	5.6	7.6	5.6	7.7	5.6	7.9	5.5	8.1	5.3	8.4	4.9
	25.0	7.1	5.2	7.2	5.4	7.3	5.5	7.4	5.6	7.6	5.6	7.7	5.5	7.8	5.5	8.1	5.3	8.3	4.9
	27.0	7.1	5.2	7.1	5.4	7.2	5.5	7.4	5.6	7.5	5.6	7.6	5.5	7.7	5.5	8.0	5.3	8.2	4.9
	29.0	6.9	5.2	7.0	5.3	7.1	5.5	7.3	5.5	7.4	5.6	7.5	5.5	7.6	5.5	7.8	5.2	8.1	4.9
	31.0	6.8	5.1	6.9	5.3	7.0	5.4	7.1	5.5	7.3	5.5	7.4	5.5	7.5	5.4	7.7	5.2	8.0	4.9
	33.0	6.7	5.1	6.7	5.3	6.8	5.4	7.0	5.5	7.1	5.5	7.2	5.5	7.3	5.4	7.5	5.2	7.8	4.8
	35.0	6.5	5.1	6.6	5.2	6.7	5.4	6.8	5.5	6.9	5.5	7.0	5.4	7.1	5.4	7.3	5.2	7.6	4.8
	37.0	6.3	5.0	6.4	5.2	6.5	5.3	6.6	5.4	6.7	5.4	6.8	5.4	6.9	5.3	7.1	5.1	7.4	4.7
	39.0	6.1	4.9	6.1	5.1	6.2	5.3	6.3	5.3	6.5	5.3	6.5	5.3	6.6	5.3	6.8	5.0	7.1	4.6

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

RAV-GM1602AT8W-E/TR, RAV-HM561BTP-E/TR × 3

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1602	10.0	4.8	3.9	4.9	4.1	5.0	4.1	5.1	4.2	5.1	4.2	5.2	4.2	5.3	4.2	5.4	4.0	5.6	3.8
	12.0	4.8	3.9	4.9	4.1	5.0	4.1	5.0	4.2	5.1	4.2	5.2	4.2	5.3	4.2	5.4	4.0	5.6	3.8
	14.0	4.8	3.9	4.9	4.1	5.0	4.1	5.0	4.2	5.1	4.2	5.2	4.2	5.3	4.2	5.4	4.0	5.6	3.8
	16.0	4.8	3.9	4.9	4.1	5.0	4.1	5.0	4.2	5.1	4.2	5.2	4.2	5.3	4.2	5.4	4.0	5.6	3.8
	18.0	4.8	3.9	4.9	4.0	4.9	4.1	5.0	4.2	5.1	4.2	5.2	4.2	5.3	4.2	5.4	4.0	5.6	3.8
	20.0	4.8	3.9	4.9	4.0	4.9	4.1	5.0	4.2	5.1	4.2	5.2	4.2	5.3	4.2	5.4	4.0	5.6	3.8
	21.0	4.8	3.9	4.9	4.0	4.9	4.1	5.0	4.2	5.1	4.2	5.2	4.2	5.3	4.2	5.4	4.0	5.6	3.8
	23.0	4.8	3.9	4.8	4.0	4.9	4.1	5.0	4.2	5.1	4.2	5.2	4.2	5.2	4.2	5.4	4.0	5.6	3.8
	25.0	4.8	3.9	4.8	4.0	4.9	4.1	5.0	4.2	5.1	4.2	5.1	4.2	5.2	4.1	5.4	4.0	5.6	3.8
	27.0	4.7	3.9	4.8	4.0	4.8	4.1	4.9	4.2	5.0	4.2	5.1	4.2	5.1	4.1	5.3	4.0	5.5	3.8
	29.0	4.6	3.9	4.7	4.0	4.8	4.1	4.8	4.1	4.9	4.2	5.0	4.1	5.1	4.1	5.2	4.0	5.4	3.8
	31.0	4.5	3.9	4.6	4.0	4.7	4.1	4.7	4.1	4.8	4.1	4.9	4.1	5.0	4.1	5.1	4.0	5.3	3.7
	33.0	4.4	3.8	4.5	3.9	4.6	4.0	4.6	4.1	4.7	4.1	4.8	4.1	4.9	4.1	5.0	3.9	5.2	3.7
	35.0	4.3	3.8	4.4	3.9	4.4	4.0	4.5	4.1	4.6	4.1	4.7	4.1	4.7	4.0	4.9	3.9	5.1	3.7
	37.0	4.2	3.7	4.2	3.9	4.3	4.0	4.4	4.0	4.5	4.0	4.5	4.0	4.6	4.0	4.7	3.8	4.9	3.6
	39.0	4.0	3.7	4.1	3.8	4.2	3.9	4.2	3.9	4.3	4.0	4.4	4.0	4.4	3.9	4.6	3.8	4.7	3.5

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

Sensible Heat Capacity: RAV-HM***CTP-E/TR

RAV-GM1102AT8W-E/TR, RAV-HM1101CTP-E/TR

indoor air temp.																				
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
1102	10.0	9.5	7.2	9.8	7.5	10.0	7.7	10.2	7.9	10.5	7.9	10.7	7.9	10.9	7.9	11.4	7.7	12.1	7.4	
	12.0	9.5	7.2	9.8	7.5	10.0	7.7	10.2	7.8	10.5	7.9	10.7	7.9	10.9	7.9	11.4	7.7	12.0	7.3	
	14.0	9.5	7.2	9.7	7.5	9.9	7.7	10.2	7.8	10.5	7.9	10.7	7.9	10.9	7.9	11.4	7.7	12.0	7.3	
	16.0	9.5	7.2	9.7	7.4	9.9	7.7	10.1	7.8	10.4	7.9	10.6	7.9	10.9	7.9	11.4	7.7	12.0	7.3	
	18.0	9.5	7.2	9.7	7.4	9.9	7.7	10.1	7.8	10.4	7.9	10.6	7.9	10.9	7.9	11.4	7.7	11.9	7.3	
	20.0	9.5	7.1	9.7	7.4	9.9	7.6	10.1	7.8	10.4	7.9	10.6	7.9	10.8	7.9	11.3	7.7	11.9	7.3	
	21.0	9.5	7.1	9.6	7.4	9.8	7.6	10.1	7.8	10.4	7.9	10.6	7.9	10.8	7.9	11.3	7.7	11.9	7.3	
	23.0	9.4	7.1	9.6	7.4	9.8	7.6	10.0	7.8	10.3	7.9	10.5	7.9	10.7	7.8	11.2	7.6	11.8	7.3	
	25.0	9.3	7.0	9.5	7.3	9.7	7.6	9.9	7.7	10.2	7.8	10.4	7.8	10.6	7.8	11.1	7.6	11.7	7.2	
	27.0	9.2	7.0	9.4	7.3	9.6	7.5	9.8	7.7	10.1	7.8	10.3	7.8	10.5	7.7	11.0	7.5	11.6	7.2	
	29.0	9.0	6.9	9.2	7.2	9.4	7.4	9.7	7.6	9.9	7.7	10.1	7.7	10.4	7.7	10.8	7.5	11.4	7.1	
	31.0	8.9	6.8	9.0	7.1	9.2	7.3	9.5	7.5	9.8	7.6	10.0	7.6	10.2	7.6	10.7	7.4	11.2	7.0	
	33.0	8.7	6.7	8.9	7.0	9.0	7.3	9.3	7.4	9.5	7.5	9.7	7.5	10.0	7.5	10.4	7.3	11.0	6.9	
	35.0	8.5	6.6	8.6	6.9	8.8	7.1	9.1	7.3	9.3	7.4	9.5	7.4	9.7	7.4	10.2	7.2	10.7	6.8	
	37.0	8.3	6.5	8.4	6.8	8.6	7.0	8.8	7.2	9.0	7.2	9.2	7.3	9.4	7.2	9.9	7.0	10.4	6.6	
	39.0	8.0	6.4	8.1	6.6	8.3	6.9	8.5	7.0	8.8	7.1	8.9	7.1	9.1	7.1	9.5	6.9	10.0	6.6	

RAV-GM1402AT8W-E/TR, RAV-HM1401CTP-E/TR

indoor air temp.																				
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
1402	10.0	12.5	8.7	12.7	9.0	12.9	9.2	13.1	9.4	13.4	9.4	13.6	9.4	13.8	9.3	14.3	8.9	14.9	8.3	
	12.0	12.5	8.7	12.6	9.0	12.9	9.2	13.1	9.4	13.4	9.4	13.6	9.3	13.8	9.3	14.3	8.9	14.8	8.3	
	14.0	12.5	8.7	12.6	9.0	12.8	9.2	13.1	9.3	13.3	9.4	13.5	9.3	13.8	9.3	14.3	8.9	14.8	8.3	
	16.0	12.4	8.6	12.6	9.0	12.8	9.2	13.0	9.3	13.3	9.4	13.5	9.3	13.7	9.2	14.2	8.9	14.8	8.3	
	18.0	12.4	8.6	12.5	9.0	12.7	9.2	13.0	9.3	13.3	9.4	13.5	9.3	13.7	9.2	14.2	8.9	14.8	8.3	
	20.0	12.4	8.6	12.5	8.9	12.7	9.2	13.0	9.3	13.3	9.4	13.5	9.3	13.7	9.2	14.2	8.9	14.8	8.3	
	21.0	12.3	8.6	12.5	8.9	12.7	9.2	13.0	9.3	13.2	9.3	13.5	9.3	13.7	9.2	14.2	8.9	14.8	8.3	
	23.0	12.3	8.6	12.4	8.9	12.7	9.2	12.9	9.3	13.2	9.3	13.4	9.3	13.6	9.2	14.1	8.9	14.7	8.3	
	25.0	12.2	8.6	12.3	8.9	12.5	9.1	12.8	9.3	13.1	9.3	13.3	9.3	13.5	9.2	14.0	8.8	14.6	8.2	
	27.0	12.0	8.5	12.2	8.8	12.4	9.1	12.6	9.2	12.9	9.2	13.1	9.2	13.4	9.1	13.9	8.8	14.4	8.2	
	29.0	11.8	8.4	12.0	8.8	12.2	9.0	12.5	9.1	12.7	9.2	12.9	9.2	13.2	9.1	13.7	8.7	14.2	8.1	
	31.0	11.6	8.4	11.8	8.7	12.0	8.9	12.2	9.1	12.5	9.1	12.7	9.1	12.9	9.0	13.4	8.6	13.9	8.0	
	33.0	11.4	8.3	11.5	8.6	11.7	8.8	12.0	9.0	12.2	9.0	12.4	9.0	12.6	8.9	13.1	8.5	13.6	7.9	
	35.0	11.1	8.1	11.2	8.5	11.4	8.7	11.7	8.9	11.9	8.9	12.1	8.9	12.3	8.8	12.8	8.4	13.3	7.8	
	37.0	10.8	8.0	10.9	8.3	11.1	8.6	11.3	8.7	11.6	8.8	11.7	8.7	11.9	8.6	12.4	8.3	12.9	7.6	
	39.0	10.4	7.8	10.5	8.2	10.7	8.4	10.9	8.5	11.2	8.6	11.3	8.5	11.5	8.5	11.9	8.1	12.4	7.6	

RAV-GM1602AT8W-E/TR, RAV-HM1601CTP-E/TR

indoor air temp.																				
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
1602	10.0	14.5	10.1	14.7	10.4	14.9	10.7	15.2	10.8	15.4	10.8	15.6	10.7	15.9	10.6	16.3	10.2	16.9	9.5	
	12.0	14.5	10.0	14.7	10.4	14.9	10.6	15.1	10.8	15.4	10.8	15.6	10.7	15.8	10.6	16.3	10.2	16.9	9.5	
	14.0	14.5	10.0	14.7	10.4	14.9	10.6	15.1	10.8	15.4	10.8	15.6	10.7	15.8	10.6	16.3	10.2	16.9	9.5	
	16.0	14.5	10.0	14.7	10.4	14.9	10.6	15.1	10.8	15.4	10.8	15.6	10.7	15.8	10.6	16.3	10.2	16.9	9.5	
	18.0	14.5	10.0	14.6	10.4	14.8	10.6	15.1	10.7	15.4	10.8	15.6	10.7	15.8	10.6	16.3	10.2	16.9	9.5	
	20.0	14.5	10.0	14.6	10.4	14.8	10.6	15.1	10.7	15.4	10.8	15.6	10.7	15.8	10.6	16.3	10.2	16.9	9.5	
	21.0	14.4	10.0	14.6	10.3	14.8	10.6	15.1	10.7	15.3	10.8	15.6	10.7	15.8	10.6	16.3	10.2	16.9	9.5	
	23.0	14.4	9.9	14.5	10.3	14.8	10.5	15.0	10.7	15.3	10.7	15.5	10.7	15.7	10.5	16.2	10.1	16.8	9.5	
	25.0	14.3	9.9	14.4	10.2	14.6	10.5	14.9	10.6	15.2	10.6	15.4	10.6	15.6	10.5	16.1	10.1	16.7	9.4	
	27.0	14.1	9.8	14.3	10.1	14.5	10.4	14.7	10.5	15.0	10.5	15.2	10.5	15.4	10.4	15.9	9.9	16.5	9.2	
	29.0	13.9	9.6	14.1	10.0	14.3	10.2	14.5	10.4	14.8	10.4	15.0	10.3	15.2	10.2	15.7	9.8	16.3	9.1	
	31.0	13.6	9.5	13.8	9.8	14.0	10.1	14.2	10.2	14.5	10.2	14.7	10.2	14.9	10.0	15.4	9.6	16.0	8.9	
	33.0	13.3	9.3	13.5	9.6	13.7	9.9	13.9	10.0	14.2	10.0	14.4	9.9	14.6	9.8	15.1	9.4	15.6	8.6	
	35.0	13.0	9.0	13.1	9.4	13.3	9.6	13.6	9.8	13.8	9.8	14.0	9.7	14.2	9.6	14.7	9.1	15.2	8.3	
	37.0	12.6	8.8	12.7	9.1	12.9	9.4	13.1	9.5	13.4	9.5	13.6	9.4	13.8	9.3	14.2	8.8	14.7	8.0	
	39.0	12.1	8.5	12.3	8.8	12.5	9.1	12.7	9.2	12.9	9.2	13.1	9.1	13.3	8.9	13.7	8.4	14.2	8.1	

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

RAV-GM1102AT8W-E/TR, RAV-HM561CTP-E/TR × 2

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1102	10.0	4.8	3.3	4.9	3.4	5.0	3.5	5.1	3.6	5.2	3.6	5.3	3.6	5.5	3.6	5.7	3.5	6.0	3.3
	12.0	4.8	3.3	4.9	3.4	5.0	3.5	5.1	3.6	5.2	3.6	5.3	3.6	5.4	3.6	5.7	3.5	6.0	3.3
	14.0	4.8	3.3	4.9	3.4	5.0	3.5	5.1	3.6	5.2	3.6	5.3	3.6	5.4	3.6	5.7	3.5	6.0	3.3
	16.0	4.8	3.3	4.9	3.4	5.0	3.5	5.1	3.6	5.2	3.6	5.3	3.6	5.4	3.6	5.7	3.5	6.0	3.3
	18.0	4.8	3.3	4.8	3.4	5.0	3.5	5.1	3.6	5.2	3.6	5.3	3.6	5.4	3.6	5.7	3.5	6.0	3.3
	20.0	4.7	3.3	4.8	3.4	4.9	3.5	5.1	3.6	5.2	3.6	5.3	3.6	5.4	3.6	5.7	3.5	6.0	3.3
	21.0	4.7	3.3	4.8	3.4	4.9	3.5	5.0	3.6	5.2	3.6	5.3	3.6	5.4	3.6	5.7	3.5	5.9	3.3
	23.0	4.7	3.3	4.8	3.4	4.9	3.5	5.0	3.6	5.2	3.6	5.3	3.6	5.4	3.6	5.6	3.5	5.9	3.3
	25.0	4.6	3.3	4.7	3.4	4.8	3.5	5.0	3.6	5.1	3.6	5.2	3.6	5.3	3.6	5.6	3.5	5.9	3.3
	27.0	4.6	3.3	4.7	3.4	4.8	3.5	4.9	3.6	5.0	3.6	5.1	3.6	5.3	3.6	5.5	3.5	5.8	3.3
	29.0	4.5	3.3	4.6	3.4	4.7	3.5	4.8	3.6	5.0	3.6	5.1	3.6	5.2	3.6	5.4	3.5	5.7	3.3
	31.0	4.4	3.3	4.5	3.4	4.6	3.5	4.7	3.6	4.9	3.6	5.0	3.6	5.1	3.6	5.3	3.5	5.6	3.3
	33.0	4.3	3.3	4.4	3.4	4.5	3.5	4.6	3.6	4.8	3.6	4.9	3.6	5.0	3.6	5.2	3.5	5.5	3.3
	35.0	4.2	3.2	4.3	3.4	4.4	3.5	4.5	3.6	4.7	3.6	4.8	3.6	4.9	3.6	5.1	3.5	5.3	3.3
	37.0	4.1	3.2	4.2	3.4	4.3	3.5	4.4	3.6	4.5	3.6	4.6	3.6	4.7	3.6	4.9	3.5	5.2	3.3
	39.0	4.0	3.2	4.1	3.3	4.2	3.4	4.3	3.5	4.4	3.6	4.5	3.6	4.6	3.6	4.8	3.5	5.0	3.2

RAV-GM1402AT8W-E/TR, RAV-HM801CTP-E/TR × 2

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1402	10.0	6.3	5.0	6.3	5.2	6.4	5.3	6.6	5.4	6.7	5.4	6.8	5.4	6.9	5.4	7.2	5.2	7.4	5.0
	12.0	6.2	5.0	6.3	5.2	6.4	5.3	6.5	5.4	6.7	5.4	6.8	5.4	6.9	5.4	7.1	5.2	7.4	5.0
	14.0	6.2	5.0	6.3	5.2	6.4	5.3	6.5	5.4	6.7	5.4	6.8	5.4	6.9	5.4	7.1	5.2	7.4	5.0
	16.0	6.2	5.0	6.3	5.2	6.4	5.3	6.5	5.4	6.7	5.4	6.8	5.4	6.9	5.4	7.1	5.2	7.4	5.0
	18.0	6.2	5.0	6.3	5.2	6.4	5.3	6.5	5.4	6.6	5.4	6.7	5.4	6.9	5.4	7.1	5.2	7.4	5.0
	20.0	6.2	5.0	6.3	5.2	6.4	5.3	6.5	5.4	6.6	5.4	6.7	5.4	6.9	5.4	7.1	5.2	7.4	5.0
	21.0	6.2	5.0	6.3	5.2	6.4	5.3	6.5	5.4	6.6	5.4	6.7	5.4	6.8	5.4	7.1	5.2	7.4	5.0
	23.0	6.1	5.0	6.2	5.2	6.3	5.3	6.4	5.4	6.6	5.4	6.7	5.4	6.8	5.4	7.1	5.2	7.3	5.0
	25.0	6.1	5.0	6.2	5.2	6.3	5.3	6.4	5.4	6.5	5.5	6.6	5.4	6.8	5.4	7.0	5.3	7.3	5.0
	27.0	6.0	5.0	6.1	5.2	6.2	5.3	6.3	5.4	6.5	5.5	6.6	5.4	6.7	5.4	6.9	5.3	7.2	5.0
	29.0	5.9	5.0	6.0	5.2	6.1	5.3	6.2	5.4	6.4	5.5	6.5	5.5	6.6	5.4	6.8	5.3	7.1	5.0
	31.0	5.8	5.0	5.9	5.2	6.0	5.3	6.1	5.4	6.2	5.5	6.4	5.5	6.5	5.4	6.7	5.3	7.0	5.0
	33.0	5.7	5.0	5.8	5.2	5.9	5.3	6.0	5.4	6.1	5.5	6.2	5.5	6.3	5.4	6.6	5.3	6.8	5.0
	35.0	5.5	5.0	5.6	5.2	5.7	5.3	5.8	5.4	6.0	5.5	6.1	5.4	6.2	5.4	6.4	5.3	6.6	5.0
	37.0	5.4	5.0	5.5	5.2	5.5	5.3	5.7	5.4	5.8	5.4	5.9	5.4	6.0	5.4	6.2	5.3	6.4	5.0
	39.0	5.2	4.9	5.3	5.1	5.4	5.3	5.5	5.4	5.6	5.4	5.7	5.4	5.8	5.4	6.0	5.2	6.2	4.9

RAV-GM1602AT8W-E/TR, RAV-HM801CTP-E/TR × 2

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1602	10.0	7.3	5.3	7.4	5.5	7.5	5.6	7.6	5.7	7.7	5.7	7.8	5.7	7.9	5.6	8.2	5.4	8.4	5.0
	12.0	7.3	5.3	7.3	5.5	7.4	5.6	7.6	5.7	7.7	5.7	7.8	5.7	7.9	5.6	8.2	5.4	8.4	5.0
	14.0	7.3	5.3	7.3	5.5	7.4	5.6	7.6	5.7	7.7	5.7	7.8	5.7	7.9	5.6	8.2	5.4	8.4	5.0
	16.0	7.2	5.3	7.3	5.5	7.4	5.6	7.6	5.7	7.7	5.7	7.8	5.7	7.9	5.6	8.2	5.4	8.4	5.0
	18.0	7.2	5.3	7.3	5.5	7.4	5.6	7.5	5.7	7.7	5.7	7.8	5.7	7.9	5.6	8.2	5.4	8.4	5.0
	20.0	7.2	5.3	7.3	5.5	7.4	5.6	7.5	5.7	7.7	5.7	7.8	5.7	7.9	5.6	8.2	5.4	8.4	5.0
	21.0	7.2	5.3	7.3	5.5	7.4	5.6	7.5	5.7	7.7	5.7	7.8	5.7	7.9	5.6	8.1	5.4	8.4	5.0
	23.0	7.2	5.3	7.3	5.5	7.4	5.6	7.5	5.7	7.6	5.7	7.7	5.7	7.9	5.6	8.1	5.4	8.4	5.0
	25.0	7.1	5.4	7.2	5.5	7.3	5.7	7.4	5.7	7.6	5.7	7.7	5.7	7.8	5.6	8.1	5.4	8.3	5.1
	27.0	7.1	5.4	7.1	5.6	7.2	5.7	7.4	5.7	7.5	5.8	7.6	5.7	7.7	5.7	8.0	5.4	8.2	5.1
	29.0	6.9	5.4	7.0	5.6	7.1	5.7	7.3	5.8	7.4	5.8	7.5	5.8	7.6	5.7	7.8	5.5	8.1	5.1
	31.0	6.8	5.4	6.9	5.6	7.0	5.7	7.1	5.8	7.3	5.8	7.4	5.8	7.5	5.7	7.7	5.5	8.0	5.2
	33.0	6.7	5.4	6.7	5.6	6.8	5.8	7.0	5.8	7.1	5.8	7.2	5.8	7.3	5.8	7.5	5.6	7.8	5.2
	35.0	6.5	5.4	6.6	5.6	6.7	5.8	6.8	5.9	6.9	5.9	7.0	5.8	7.1	5.8	7.3	5.6	7.6	5.2
	37.0	6.3	5.4	6.4	5.6	6.5	5.8	6.6	5.9	6.7	5.9	6.8	5.9	6.9	5.8	7.1	5.6	7.4	5.3
	39.0	6.1	5.4	6.1	5.6	6.2	5.8	6.3	5.9	6.5	5.9	6.5	5.9	6.6	5.8	6.8	5.6	7.1	5.1

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

RAV-GM1602AT8W-E/TR, RAV-HM561CTP-E/TR × 3

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1602	10.0	4.8	3.2	4.9	3.3	5.0	3.4	5.1	3.4	5.1	3.4	5.2	3.4	5.3	3.4	5.4	3.2	5.6	3.0
	12.0	4.8	3.2	4.9	3.3	5.0	3.4	5.0	3.4	5.1	3.4	5.2	3.4	5.3	3.4	5.4	3.2	5.6	3.0
	14.0	4.8	3.2	4.9	3.3	5.0	3.4	5.0	3.5	5.1	3.4	5.2	3.4	5.3	3.4	5.4	3.2	5.6	3.0
	16.0	4.8	3.2	4.9	3.3	5.0	3.4	5.0	3.5	5.1	3.4	5.2	3.4	5.3	3.4	5.4	3.2	5.6	3.0
	18.0	4.8	3.2	4.9	3.3	4.9	3.4	5.0	3.5	5.1	3.5	5.2	3.4	5.3	3.4	5.4	3.2	5.6	3.0
	20.0	4.8	3.2	4.9	3.3	4.9	3.4	5.0	3.5	5.1	3.5	5.2	3.4	5.3	3.4	5.4	3.2	5.6	3.0
	21.0	4.8	3.2	4.9	3.3	4.9	3.4	5.0	3.5	5.1	3.5	5.2	3.4	5.3	3.4	5.4	3.2	5.6	3.0
	23.0	4.8	3.2	4.8	3.4	4.9	3.4	5.0	3.5	5.1	3.5	5.2	3.4	5.2	3.4	5.4	3.2	5.6	3.0
	25.0	4.8	3.3	4.8	3.4	4.9	3.4	5.0	3.5	5.1	3.5	5.1	3.5	5.2	3.4	5.4	3.2	5.6	3.0
	27.0	4.7	3.3	4.8	3.4	4.8	3.5	4.9	3.5	5.0	3.5	5.1	3.5	5.1	3.4	5.3	3.3	5.5	3.0
	29.0	4.6	3.3	4.7	3.4	4.8	3.5	4.8	3.5	4.9	3.5	5.0	3.5	5.1	3.5	5.2	3.3	5.4	3.0
	31.0	4.5	3.3	4.6	3.4	4.7	3.5	4.7	3.5	4.8	3.5	4.9	3.5	5.0	3.5	5.1	3.3	5.3	3.1
	33.0	4.4	3.3	4.5	3.4	4.6	3.5	4.6	3.6	4.7	3.6	4.8	3.6	4.9	3.5	5.0	3.4	5.2	3.1
	35.0	4.3	3.3	4.4	3.5	4.4	3.5	4.5	3.6	4.6	3.6	4.7	3.6	4.7	3.5	4.9	3.4	5.1	3.2
	37.0	4.2	3.3	4.2	3.5	4.3	3.6	4.4	3.6	4.5	3.6	4.5	3.6	4.6	3.6	4.7	3.4	4.9	3.2
	39.0	4.0	3.4	4.1	3.5	4.2	3.6	4.2	3.6	4.3	3.6	4.4	3.6	4.4	3.6	4.6	3.4	4.7	3.1

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

Sensible Heat Capacity: RAV-HM***KRTP-E/TR

RAV-GM1102AT8W-E/TR, RAV-HM1101KRTP-E/TR

indoor air temp.																				
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB		
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	
1102	10.0	9.5	6.8	9.8	7.2	10.0	7.4	10.2	7.5	10.5	7.6	10.7	7.6	10.9	7.6	11.4	7.3	12.1	7.0	
	12.0	9.5	6.8	9.8	7.2	10.0	7.4	10.2	7.5	10.5	7.6	10.7	7.6	10.9	7.6	11.4	7.3	12.0	7.0	
	14.0	9.5	6.8	9.7	7.1	9.9	7.4	10.2	7.5	10.5	7.6	10.7	7.6	10.9	7.5	11.4	7.3	12.0	7.0	
	16.0	9.5	6.8	9.7	7.1	9.9	7.3	10.1	7.5	10.4	7.6	10.6	7.6	10.9	7.5	11.4	7.3	12.0	6.9	
	18.0	9.5	6.8	9.7	7.1	9.9	7.3	10.1	7.5	10.4	7.6	10.6	7.6	10.9	7.5	11.4	7.3	11.9	6.9	
	20.0	9.5	6.8	9.7	7.1	9.9	7.3	10.1	7.5	10.4	7.6	10.6	7.6	10.8	7.5	11.3	7.3	11.9	6.9	
	21.0	9.5	6.8	9.6	7.1	9.8	7.3	10.1	7.5	10.4	7.5	10.6	7.6	10.8	7.5	11.3	7.3	11.9	6.9	
	23.0	9.4	6.8	9.6	7.1	9.8	7.3	10.0	7.4	10.3	7.5	10.5	7.5	10.7	7.5	11.2	7.3	11.8	6.9	
	25.0	9.3	6.7	9.5	7.0	9.7	7.2	9.9	7.4	10.2	7.5	10.4	7.5	10.6	7.4	11.1	7.2	11.7	6.8	
	27.0	9.2	6.7	9.4	7.0	9.6	7.2	9.8	7.3	10.1	7.4	10.3	7.4	10.5	7.4	11.0	7.2	11.6	6.8	
	29.0	9.0	6.6	9.2	6.9	9.4	7.1	9.7	7.3	9.9	7.3	10.1	7.4	10.4	7.3	10.8	7.1	11.4	6.7	
	31.0	8.9	6.5	9.0	6.8	9.2	7.0	9.5	7.2	9.8	7.3	10.0	7.3	10.2	7.2	10.7	7.0	11.2	6.6	
	33.0	8.7	6.4	8.9	6.7	9.0	6.9	9.3	7.1	9.5	7.2	9.7	7.2	10.0	7.1	10.4	6.9	11.0	6.5	
	35.0	8.5	6.3	8.6	6.6	8.8	6.8	9.1	7.0	9.3	7.0	9.5	7.0	9.7	7.0	10.2	6.8	10.7	6.4	
	37.0	8.3	6.2	8.4	6.5	8.6	6.7	8.8	6.8	9.0	6.9	9.2	6.9	9.4	6.9	9.9	6.7	10.4	6.2	
	39.0	8.0	6.1	8.1	6.3	8.3	6.5	8.5	6.7	8.8	6.8	8.9	6.8	9.1	6.7	9.5	6.5	10.0	6.1	

RAV-GM1102AT8W-E/TR, RAV-HM561KRTP-E/TR × 2

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1102	10.0	4.8	3.9	4.9	4.0	5.0	4.1	5.1	4.2	5.2	4.3	5.3	4.3	5.5	4.3	5.7	4.2	6.0	4.0
	12.0	4.8	3.9	4.9	4.0	5.0	4.1	5.1	4.2	5.2	4.3	5.3	4.3	5.4	4.3	5.7	4.2	6.0	4.0
	14.0	4.8	3.9	4.9	4.0	5.0	4.1	5.1	4.2	5.2	4.3	5.3	4.3	5.4	4.3	5.7	4.2	6.0	4.0
	16.0	4.8	3.9	4.9	4.0	5.0	4.1	5.1	4.2	5.2	4.3	5.3	4.3	5.4	4.3	5.7	4.2	6.0	4.0
	18.0	4.8	3.9	4.8	4.0	5.0	4.1	5.1	4.2	5.2	4.3	5.3	4.3	5.4	4.3	5.7	4.2	6.0	4.0
	20.0	4.7	3.8	4.8	4.0	4.9	4.1	5.1	4.2	5.2	4.2	5.3	4.3	5.4	4.3	5.7	4.2	6.0	4.0
	21.0	4.7	3.8	4.8	4.0	4.9	4.1	5.0	4.2	5.2	4.2	5.3	4.3	5.4	4.2	5.7	4.2	5.9	4.0
	23.0	4.7	3.8	4.8	4.0	4.9	4.1	5.0	4.2	5.2	4.2	5.3	4.2	5.4	4.2	5.6	4.1	5.9	4.0
	25.0	4.6	3.8	4.7	3.9	4.8	4.1	5.0	4.1	5.1	4.2	5.2	4.2	5.3	4.2	5.6	4.1	5.9	3.9
	27.0	4.6	3.8	4.7	3.9	4.8	4.0	4.9	4.1	5.0	4.2	5.1	4.2	5.3	4.2	5.5	4.1	5.8	3.9
	29.0	4.5	3.7	4.6	3.9	4.7	4.0	4.8	4.1	5.0	4.1	5.1	4.1	5.2	4.1	5.4	4.1	5.7	3.9
	31.0	4.4	3.7	4.5	3.8	4.6	3.9	4.7	4.0	4.9	4.1	5.0	4.1	5.1	4.1	5.3	4.0	5.6	3.8
	33.0	4.3	3.6	4.4	3.8	4.5	3.9	4.6	4.0	4.8	4.0	4.9	4.0	5.0	4.0	5.2	3.9	5.5	3.8
	35.0	4.2	3.6	4.3	3.7	4.4	3.8	4.5	3.9	4.7	4.0	4.8	4.0	4.9	4.0	5.1	3.9	5.3	3.7
	37.0	4.1	3.5	4.2	3.6	4.3	3.8	4.4	3.8	4.5	3.9	4.6	3.9	4.7	3.9	4.9	3.8	5.2	3.6
39.0	4.0	3.4	4.1	3.6	4.2	3.7	4.3	3.8	4.4	3.8	4.5	3.8	4.6	3.8	4.8	3.7	5.0	3.5	

RAV-GM1402AT8W-E/TR, RAV-HM801KRTP-E/TR × 2

indoor air temp.																			
unit size	outdoor air temp. CDB	14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1402	10.0	6.3	4.6	6.3	4.8	6.4	4.9	6.6	5.0	6.7	5.0	6.8	5.0	6.9	5.0	7.2	4.8	7.4	4.5
	12.0	6.2	4.6	6.3	4.8	6.4	4.9	6.5	5.0	6.7	5.0	6.8	5.0	6.9	5.0	7.1	4.8	7.4	4.5
	14.0	6.2	4.6	6.3	4.8	6.4	4.9	6.5	5.0	6.7	5.0	6.8	5.0	6.9	4.9	7.1	4.8	7.4	4.5
	16.0	6.2	4.6	6.3	4.8	6.4	4.9	6.5	5.0	6.7	5.0	6.8	5.0	6.9	4.9	7.1	4.8	7.4	4.5
	18.0	6.2	4.6	6.3	4.8	6.4	4.9	6.5	5.0	6.6	5.0	6.7	5.0	6.9	4.9	7.1	4.8	7.4	4.5
	20.0	6.2	4.6	6.3	4.8	6.4	4.9	6.5	5.0	6.6	5.0	6.7	5.0	6.9	4.9	7.1	4.8	7.4	4.5
	21.0	6.2	4.6	6.3	4.8	6.4	4.9	6.5	5.0	6.6	5.0	6.7	5.0	6.8	4.9	7.1	4.8	7.4	4.5
	23.0	6.1	4.6	6.2	4.7	6.3	4.9	6.4	4.9	6.6	5.0	6.7	5.0	6.8	4.9	7.1	4.8	7.3	4.5
	25.0	6.1	4.6	6.2	4.7	6.3	4.8	6.4	4.9	6.5	5.0	6.6	4.9	6.8	4.9	7.0	4.7	7.3	4.5
	27.0	6.0	4.5	6.1	4.7	6.2	4.8	6.3	4.9	6.5	4.9	6.6	4.9	6.7	4.9	6.9	4.7	7.2	4.4
	29.0	5.9	4.5	6.0	4.7	6.1	4.8	6.2	4.9	6.4	4.9	6.5	4.9	6.6	4.8	6.8	4.7	7.1	4.4
	31.0	5.8	4.4	5.9	4.6	6.0	4.7	6.1	4.8	6.2	4.8	6.4	4.8	6.5	4.8	6.7	4.6	7.0	4.3
	33.0	5.7	4.4	5.8	4.6	5.9	4.7	6.0	4.8	6.1	4.8	6.2	4.8	6.3	4.7	6.6	4.6	6.8	4.3
	35.0	5.5	4.3	5.6	4.5	5.7	4.6	5.8	4.7	6.0	4.7	6.1	4.7	6.2	4.7	6.4	4.5	6.6	4.2
	37.0	5.4	4.3	5.5	4.4	5.5	4.5	5.7	4.6	5.8	4.6	5.9	4.6	6.0	4.6	6.2	4.4	6.4	4.1
39.0	5.2	4.2	5.3	4.3	5.4	4.4	5.5	4.5	5.6	4.5	5.7	4.5	5.8	4.5	6.0	4.3	6.2	4.0	

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

RAV-GM1602AT8W-E/TR, RAV-HM801KRTP-E/TR × 2

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1602	10.0	7.3	5.0	7.4	5.1	7.5	5.2	7.6	5.3	7.7	5.3	7.8	5.3	7.9	5.2	8.2	5.0	8.4	4.6
	12.0	7.3	5.0	7.3	5.1	7.4	5.2	7.6	5.3	7.7	5.3	7.8	5.3	7.9	5.2	8.2	5.0	8.4	4.6
	14.0	7.3	4.9	7.3	5.1	7.4	5.2	7.6	5.3	7.7	5.3	7.8	5.3	7.9	5.2	8.2	5.0	8.4	4.6
	16.0	7.2	4.9	7.3	5.1	7.4	5.2	7.6	5.3	7.7	5.3	7.8	5.3	7.9	5.2	8.2	5.0	8.4	4.6
	18.0	7.2	4.9	7.3	5.1	7.4	5.2	7.5	5.3	7.7	5.3	7.8	5.3	7.9	5.2	8.2	5.0	8.4	4.6
	20.0	7.2	4.9	7.3	5.1	7.4	5.2	7.5	5.3	7.7	5.3	7.8	5.3	7.9	5.2	8.2	5.0	8.4	4.6
	21.0	7.2	4.9	7.3	5.1	7.4	5.2	7.5	5.3	7.7	5.3	7.8	5.3	7.9	5.2	8.1	5.0	8.4	4.6
	23.0	7.2	4.9	7.3	5.1	7.4	5.2	7.5	5.3	7.6	5.3	7.7	5.3	7.9	5.2	8.1	5.0	8.4	4.6
	25.0	7.1	4.9	7.2	5.1	7.3	5.2	7.4	5.3	7.6	5.3	7.7	5.2	7.8	5.2	8.1	5.0	8.3	4.6
	27.0	7.1	4.9	7.1	5.1	7.2	5.2	7.4	5.3	7.5	5.3	7.6	5.2	7.7	5.2	8.0	4.9	8.2	4.6
	29.0	6.9	4.9	7.0	5.0	7.1	5.2	7.3	5.2	7.4	5.2	7.5	5.2	7.6	5.1	7.8	4.9	8.1	4.6
	31.0	6.8	4.8	6.9	5.0	7.0	5.1	7.1	5.2	7.3	5.2	7.4	5.2	7.5	5.1	7.7	4.9	8.0	4.5
	33.0	6.7	4.8	6.7	5.0	6.8	5.1	7.0	5.1	7.1	5.1	7.2	5.1	7.3	5.1	7.5	4.8	7.8	4.5
	35.0	6.5	4.7	6.6	4.9	6.7	5.0	6.8	5.1	6.9	5.1	7.0	5.1	7.1	5.0	7.3	4.8	7.6	4.4
	37.0	6.3	4.6	6.4	4.8	6.5	4.9	6.6	5.0	6.7	5.0	6.8	5.0	6.9	4.9	7.1	4.7	7.4	4.3
	39.0	6.1	4.6	6.1	4.7	6.2	4.9	6.3	4.9	6.5	4.9	6.5	4.9	6.6	4.8	6.8	4.6	7.1	4.2

RAV-GM1602AT8W-E/TR, RAV-HM561KRTP-E/TR × 3

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1602	10.0	4.8	3.9	4.9	4.0	5.0	4.1	5.1	4.1	5.1	4.1	5.2	4.1	5.3	4.1	5.4	4.0	5.6	3.8
	12.0	4.8	3.9	4.9	4.0	5.0	4.1	5.0	4.1	5.1	4.1	5.2	4.1	5.3	4.1	5.4	4.0	5.6	3.8
	14.0	4.8	3.9	4.9	4.0	5.0	4.1	5.0	4.1	5.1	4.1	5.2	4.1	5.3	4.1	5.4	4.0	5.6	3.8
	16.0	4.8	3.9	4.9	4.0	5.0	4.1	5.0	4.1	5.1	4.1	5.2	4.1	5.3	4.1	5.4	4.0	5.6	3.7
	18.0	4.8	3.9	4.9	4.0	4.9	4.1	5.0	4.1	5.1	4.1	5.2	4.1	5.3	4.1	5.4	4.0	5.6	3.7
	20.0	4.8	3.9	4.9	4.0	4.9	4.1	5.0	4.1	5.1	4.1	5.2	4.1	5.3	4.1	5.4	4.0	5.6	3.7
	21.0	4.8	3.9	4.9	4.0	4.9	4.1	5.0	4.1	5.1	4.1	5.2	4.1	5.3	4.1	5.4	4.0	5.6	3.7
	23.0	4.8	3.8	4.8	4.0	4.9	4.1	5.0	4.1	5.1	4.1	5.2	4.1	5.2	4.1	5.4	4.0	5.6	3.7
	25.0	4.8	3.8	4.8	4.0	4.9	4.0	5.0	4.1	5.1	4.1	5.1	4.1	5.2	4.1	5.4	3.9	5.6	3.7
	27.0	4.7	3.8	4.8	3.9	4.8	4.0	4.9	4.1	5.0	4.1	5.1	4.1	5.1	4.0	5.3	3.9	5.5	3.7
	29.0	4.6	3.8	4.7	3.9	4.8	4.0	4.8	4.1	4.9	4.1	5.0	4.1	5.1	4.0	5.2	3.9	5.4	3.7
	31.0	4.5	3.8	4.6	3.9	4.7	4.0	4.7	4.0	4.8	4.0	4.9	4.0	5.0	4.0	5.1	3.9	5.3	3.6
	33.0	4.4	3.7	4.5	3.8	4.6	3.9	4.6	4.0	4.7	4.0	4.8	4.0	4.9	3.9	5.0	3.8	5.2	3.6
	35.0	4.3	3.7	4.4	3.8	4.4	3.9	4.5	3.9	4.6	3.9	4.7	3.9	4.7	3.9	4.9	3.8	5.1	3.5
	37.0	4.2	3.6	4.2	3.7	4.3	3.8	4.4	3.9	4.5	3.9	4.5	3.9	4.6	3.8	4.7	3.7	4.9	3.5
	39.0	4.0	3.5	4.1	3.6	4.2	3.7	4.2	3.8	4.3	3.8	4.4	3.8	4.4	3.8	4.6	3.6	4.7	3.4

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

Sensible Heat Capacity: RAV-HM***FT-E/TR

RAV-GM1102AT8W-E/TR, RAV-HM1101FT-E/TR

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1102	10.0	9.5	7.1	9.8	7.4	10.0	7.6	10.2	7.8	10.5	7.9	10.7	7.9	10.9	7.8	11.4	7.6	12.1	7.3
	12.0	9.5	7.1	9.8	7.4	10.0	7.6	10.2	7.8	10.5	7.9	10.7	7.9	10.9	7.8	11.4	7.6	12.0	7.3
	14.0	9.5	7.1	9.7	7.4	9.9	7.6	10.2	7.8	10.5	7.8	10.7	7.9	10.9	7.8	11.4	7.6	12.0	7.2
	16.0	9.5	7.1	9.7	7.4	9.9	7.6	10.1	7.8	10.4	7.8	10.6	7.8	10.9	7.8	11.4	7.6	12.0	7.2
	18.0	9.5	7.1	9.7	7.4	9.9	7.6	10.1	7.8	10.4	7.8	10.6	7.8	10.9	7.8	11.4	7.6	11.9	7.2
	20.0	9.5	7.1	9.7	7.4	9.9	7.6	10.1	7.7	10.4	7.8	10.6	7.8	10.8	7.8	11.3	7.6	11.9	7.2
	21.0	9.5	7.1	9.6	7.3	9.8	7.6	10.1	7.7	10.4	7.8	10.6	7.8	10.8	7.8	11.3	7.6	11.9	7.2
	23.0	9.4	7.0	9.6	7.3	9.8	7.5	10.0	7.7	10.3	7.8	10.5	7.8	10.7	7.8	11.2	7.6	11.8	7.2
	25.0	9.3	7.0	9.5	7.3	9.7	7.5	9.9	7.7	10.2	7.7	10.4	7.8	10.6	7.7	11.1	7.5	11.7	7.1
	27.0	9.2	6.9	9.4	7.2	9.6	7.4	9.8	7.6	10.1	7.7	10.3	7.7	10.5	7.7	11.0	7.5	11.6	7.1
	29.0	9.0	6.9	9.2	7.1	9.4	7.4	9.7	7.5	9.9	7.6	10.1	7.6	10.4	7.6	10.8	7.4	11.4	7.0
	31.0	8.9	6.8	9.0	7.1	9.2	7.3	9.5	7.5	9.8	7.5	10.0	7.6	10.2	7.5	10.7	7.3	11.2	6.9
	33.0	8.7	6.7	8.9	7.0	9.0	7.2	9.3	7.4	9.5	7.4	9.7	7.5	10.0	7.4	10.4	7.2	11.0	6.8
	35.0	8.5	6.6	8.6	6.9	8.8	7.1	9.1	7.2	9.3	7.3	9.5	7.3	9.7	7.3	10.2	7.1	10.7	6.7
	37.0	8.3	6.5	8.4	6.7	8.6	7.0	8.8	7.1	9.0	7.2	9.2	7.2	9.4	7.2	9.9	7.0	10.4	6.6
	39.0	8.0	6.3	8.1	6.6	8.3	6.8	8.5	7.0	8.8	7.1	8.9	7.1	9.1	7.0	9.5	6.8	10.0	6.4

RAV-GM1402AT8W-E/TR, RAV-HM1401FT-E/TR

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1402	10.0	12.5	8.6	12.7	8.9	12.9	9.1	13.1	9.3	13.4	9.3	13.6	9.3	13.8	9.2	14.3	8.8	14.9	8.2
	12.0	12.5	8.6	12.6	8.9	12.9	9.1	13.1	9.3	13.4	9.3	13.6	9.2	13.8	9.2	14.3	8.8	14.8	8.2
	14.0	12.5	8.6	12.6	8.9	12.8	9.1	13.1	9.2	13.3	9.3	13.5	9.2	13.8	9.2	14.3	8.8	14.8	8.2
	16.0	12.4	8.5	12.6	8.9	12.8	9.1	13.0	9.2	13.3	9.3	13.5	9.2	13.7	9.1	14.2	8.8	14.8	8.2
	18.0	12.4	8.5	12.5	8.8	12.7	9.1	13.0	9.2	13.3	9.2	13.5	9.2	13.7	9.1	14.2	8.8	14.8	8.2
	20.0	12.4	8.5	12.5	8.8	12.7	9.1	13.0	9.2	13.3	9.2	13.5	9.2	13.7	9.1	14.2	8.8	14.8	8.2
	21.0	12.3	8.5	12.5	8.8	12.7	9.1	13.0	9.2	13.2	9.2	13.5	9.2	13.7	9.1	14.2	8.8	14.8	8.2
	23.0	12.3	8.5	12.4	8.8	12.7	9.0	12.9	9.2	13.2	9.2	13.4	9.2	13.6	9.1	14.1	8.8	14.7	8.2
	25.0	12.2	8.4	12.3	8.8	12.5	9.0	12.8	9.1	13.1	9.2	13.3	9.1	13.5	9.0	14.0	8.7	14.6	8.1
	27.0	12.0	8.4	12.2	8.7	12.4	8.9	12.6	9.1	12.9	9.1	13.1	9.1	13.4	9.0	13.9	8.6	14.4	8.0
	29.0	11.8	8.3	12.0	8.6	12.2	8.8	12.5	9.0	12.7	9.0	12.9	9.0	13.2	8.9	13.7	8.6	14.2	8.0
	31.0	11.6	8.2	11.8	8.5	12.0	8.7	12.2	8.9	12.5	8.9	12.7	8.9	12.9	8.8	13.4	8.4	13.9	7.8
	33.0	11.4	8.1	11.5	8.4	11.7	8.6	12.0	8.8	12.2	8.8	12.4	8.8	12.6	8.7	13.1	8.3	13.6	7.7
	35.0	11.1	7.9	11.2	8.3	11.4	8.5	11.7	8.6	11.9	8.7	12.1	8.6	12.3	8.5	12.8	8.2	13.3	7.5
	37.0	10.8	7.8	10.9	8.1	11.1	8.3	11.3	8.5	11.6	8.5	11.7	8.5	11.9	8.4	12.4	8.0	12.9	7.4
	39.0	10.4	7.6	10.5	7.9	10.7	8.1	10.9	8.3	11.2	8.3	11.3	8.3	11.5	8.2	11.9	7.8	12.4	7.1

RAV-GM1602AT8W-E/TR, RAV-HM1601FT-E/TR

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1602	10.0	14.5	9.4	14.7	9.8	14.9	10.0	15.2	10.1	15.4	10.1	15.6	10.1	15.9	9.9	16.3	9.5	16.9	8.7
	12.0	14.5	9.4	14.7	9.8	14.9	10.0	15.1	10.1	15.4	10.1	15.6	10.0	15.8	9.9	16.3	9.5	16.9	8.7
	14.0	14.5	9.4	14.7	9.8	14.9	10.0	15.1	10.1	15.4	10.1	15.6	10.0	15.8	9.9	16.3	9.5	16.9	8.7
	16.0	14.5	9.4	14.7	9.8	14.9	10.0	15.1	10.1	15.4	10.1	15.6	10.0	15.8	9.9	16.3	9.5	16.9	8.7
	18.0	14.5	9.4	14.6	9.8	14.8	10.0	15.1	10.1	15.4	10.1	15.6	10.0	15.8	9.9	16.3	9.5	16.9	8.7
	20.0	14.5	9.4	14.6	9.7	14.8	10.0	15.1	10.1	15.4	10.1	15.6	10.0	15.8	9.9	16.3	9.5	16.9	8.7
	21.0	14.4	9.4	14.6	9.7	14.8	10.0	15.1	10.1	15.3	10.1	15.6	10.0	15.8	9.9	16.3	9.5	16.9	8.7
	23.0	14.4	9.4	14.5	9.7	14.8	10.0	15.0	10.1	15.3	10.1	15.5	10.0	15.7	9.9	16.2	9.4	16.8	8.7
	25.0	14.3	9.3	14.4	9.7	14.6	9.9	14.9	10.0	15.2	10.0	15.4	10.0	15.6	9.9	16.1	9.4	16.7	8.7
	27.0	14.1	9.3	14.3	9.6	14.5	9.9	14.7	10.0	15.0	10.0	15.2	9.9	15.4	9.8	15.9	9.3	16.5	8.6
	29.0	13.9	9.2	14.1	9.6	14.3	9.8	14.5	9.9	14.8	9.9	15.0	9.9	15.2	9.7	15.7	9.3	16.3	8.5
	31.0	13.6	9.1	13.8	9.5	14.0	9.7	14.2	9.8	14.5	9.8	14.7	9.8	14.9	9.6	15.4	9.2	16.0	8.4
	33.0	13.3	9.0	13.5	9.4	13.7	9.6	13.9	9.7	14.2	9.7	14.4	9.7	14.6	9.5	15.1	9.1	15.6	8.3
	35.0	13.0	8.9	13.1	9.2	13.3	9.5	13.6	9.6	13.8	9.6	14.0	9.5	14.2	9.4	14.7	8.9	15.2	8.1
	37.0	12.6	8.7	12.7	9.1	12.9	9.3	13.1	9.4	13.4	9.4	13.6	9.4	13.8	9.2	14.2	8.7	14.7	7.9
	39.0	12.1	8.5	12.3	8.9	12.5	9.1	12.7	9.3	12.9	9.3	13.1	9.2	13.3	9.0	13.7	8.5	14.2	7.7

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

RAV-GM1102AT8W-E/TR, RAV-HM561FT-E/TR × 2

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1102	10.0	4.8	3.2	4.9	3.4	5.0	3.5	5.1	3.5	5.2	3.6	5.3	3.6	5.5	3.5	5.7	3.4	6.0	3.1
	12.0	4.8	3.2	4.9	3.4	5.0	3.5	5.1	3.5	5.2	3.6	5.3	3.6	5.4	3.5	5.7	3.4	6.0	3.1
	14.0	4.8	3.2	4.9	3.4	5.0	3.5	5.1	3.5	5.2	3.6	5.3	3.6	5.4	3.5	5.7	3.4	6.0	3.1
	16.0	4.8	3.2	4.9	3.4	5.0	3.5	5.1	3.5	5.2	3.6	5.3	3.6	5.4	3.5	5.7	3.4	6.0	3.2
	18.0	4.8	3.2	4.8	3.4	5.0	3.5	5.1	3.5	5.2	3.6	5.3	3.6	5.4	3.5	5.7	3.4	6.0	3.2
	20.0	4.7	3.2	4.8	3.4	4.9	3.5	5.1	3.5	5.2	3.6	5.3	3.6	5.4	3.5	5.7	3.4	6.0	3.2
	21.0	4.7	3.2	4.8	3.4	4.9	3.5	5.0	3.5	5.2	3.6	5.3	3.6	5.4	3.5	5.7	3.4	5.9	3.2
	23.0	4.7	3.3	4.8	3.4	4.9	3.5	5.0	3.6	5.2	3.6	5.3	3.6	5.4	3.5	5.6	3.4	5.9	3.2
	25.0	4.6	3.3	4.7	3.4	4.8	3.5	5.0	3.6	5.1	3.6	5.2	3.6	5.3	3.6	5.6	3.4	5.9	3.2
	27.0	4.6	3.3	4.7	3.4	4.8	3.5	4.9	3.6	5.0	3.6	5.1	3.6	5.3	3.6	5.5	3.5	5.8	3.2
	29.0	4.5	3.3	4.6	3.4	4.7	3.5	4.8	3.6	5.0	3.6	5.1	3.6	5.2	3.6	5.4	3.5	5.7	3.2
	31.0	4.4	3.3	4.5	3.4	4.6	3.5	4.7	3.6	4.9	3.6	5.0	3.6	5.1	3.6	5.3	3.5	5.6	3.3
	33.0	4.3	3.3	4.4	3.4	4.5	3.5	4.6	3.6	4.8	3.6	4.9	3.6	5.0	3.6	5.2	3.5	5.5	3.3
	35.0	4.2	3.3	4.3	3.4	4.4	3.5	4.5	3.6	4.7	3.6	4.8	3.6	4.9	3.6	5.1	3.5	5.3	3.3
	37.0	4.1	3.3	4.2	3.4	4.3	3.5	4.4	3.6	4.5	3.6	4.6	3.7	4.7	3.6	4.9	3.5	5.2	3.3
	39.0	4.0	3.2	4.1	3.4	4.2	3.5	4.3	3.6	4.4	3.6	4.5	3.6	4.6	3.6	4.8	3.6	5.0	3.4

RAV-GM1402AT8W-E/TR, RAV-HM801FT-E/TR × 2

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1402	10.0	6.3	4.4	6.3	4.5	6.4	4.6	6.6	4.7	6.7	4.7	6.8	4.7	6.9	4.6	7.2	4.5	7.4	4.2
	12.0	6.2	4.4	6.3	4.5	6.4	4.6	6.5	4.7	6.7	4.7	6.8	4.7	6.9	4.6	7.1	4.5	7.4	4.2
	14.0	6.2	4.3	6.3	4.5	6.4	4.6	6.5	4.7	6.7	4.7	6.8	4.7	6.9	4.6	7.1	4.5	7.4	4.2
	16.0	6.2	4.3	6.3	4.5	6.4	4.6	6.5	4.7	6.7	4.7	6.8	4.7	6.9	4.6	7.1	4.5	7.4	4.2
	18.0	6.2	4.3	6.3	4.5	6.4	4.6	6.5	4.7	6.6	4.7	6.7	4.7	6.9	4.6	7.1	4.5	7.4	4.2
	20.0	6.2	4.3	6.3	4.5	6.4	4.6	6.5	4.7	6.6	4.7	6.7	4.7	6.9	4.6	7.1	4.5	7.4	4.2
	21.0	6.2	4.3	6.3	4.5	6.4	4.6	6.5	4.7	6.6	4.7	6.7	4.7	6.8	4.6	7.1	4.5	7.4	4.2
	23.0	6.1	4.3	6.2	4.5	6.3	4.6	6.4	4.7	6.6	4.7	6.7	4.7	6.8	4.6	7.1	4.5	7.3	4.2
	25.0	6.1	4.3	6.2	4.5	6.3	4.6	6.4	4.7	6.5	4.7	6.6	4.7	6.8	4.6	7.0	4.4	7.3	4.1
	27.0	6.0	4.3	6.1	4.4	6.2	4.6	6.3	4.6	6.5	4.7	6.6	4.6	6.7	4.6	6.9	4.4	7.2	4.1
	29.0	5.9	4.3	6.0	4.4	6.1	4.5	6.2	4.6	6.4	4.6	6.5	4.6	6.6	4.6	6.8	4.4	7.1	4.1
	31.0	5.8	4.2	5.9	4.4	6.0	4.5	6.1	4.6	6.2	4.6	6.4	4.6	6.5	4.5	6.7	4.4	7.0	4.1
	33.0	5.7	4.2	5.8	4.3	5.9	4.5	6.0	4.5	6.1	4.6	6.2	4.5	6.3	4.5	6.6	4.3	6.8	4.0
	35.0	5.5	4.1	5.6	4.3	5.7	4.4	5.8	4.5	6.0	4.5	6.1	4.5	6.2	4.5	6.4	4.3	6.6	4.0
	37.0	5.4	4.1	5.5	4.2	5.5	4.4	5.7	4.4	5.8	4.5	5.9	4.4	6.0	4.4	6.2	4.2	6.4	3.9
	39.0	5.2	4.0	5.3	4.2	5.4	4.3	5.5	4.4	5.6	4.4	5.7	4.4	5.8	4.3	6.0	4.1	6.2	3.8

RAV-GM1602AT8W-E/TR, RAV-HM801FT-E/TR × 2

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1602	10.0	7.3	4.8	7.4	5.0	7.5	5.1	7.6	5.1	7.7	5.1	7.8	5.1	7.9	5.0	8.2	4.8	8.4	4.4
	12.0	7.3	4.8	7.3	5.0	7.4	5.1	7.6	5.1	7.7	5.1	7.8	5.1	7.9	5.0	8.2	4.8	8.4	4.4
	14.0	7.3	4.8	7.3	5.0	7.4	5.1	7.6	5.1	7.7	5.1	7.8	5.1	7.9	5.0	8.2	4.8	8.4	4.4
	16.0	7.2	4.8	7.3	5.0	7.4	5.1	7.6	5.1	7.7	5.1	7.8	5.1	7.9	5.0	8.2	4.8	8.4	4.4
	18.0	7.2	4.8	7.3	5.0	7.4	5.1	7.5	5.1	7.7	5.1	7.8	5.1	7.9	5.0	8.2	4.8	8.4	4.4
	20.0	7.2	4.8	7.3	4.9	7.4	5.1	7.5	5.1	7.7	5.1	7.8	5.1	7.9	5.0	8.2	4.8	8.4	4.4
	21.0	7.2	4.8	7.3	4.9	7.4	5.1	7.5	5.1	7.7	5.1	7.8	5.1	7.9	5.0	8.1	4.8	8.4	4.4
	23.0	7.2	4.8	7.3	4.9	7.4	5.1	7.5	5.1	7.6	5.1	7.7	5.1	7.9	5.0	8.1	4.8	8.4	4.4
	25.0	7.1	4.8	7.2	4.9	7.3	5.1	7.4	5.1	7.6	5.1	7.7	5.1	7.8	5.0	8.1	4.8	8.3	4.4
	27.0	7.1	4.7	7.1	4.9	7.2	5.0	7.4	5.1	7.5	5.1	7.6	5.1	7.7	5.0	8.0	4.8	8.2	4.4
	29.0	6.9	4.7	7.0	4.9	7.1	5.0	7.3	5.1	7.4	5.1	7.5	5.1	7.6	5.0	7.8	4.8	8.1	4.4
	31.0	6.8	4.7	6.9	4.9	7.0	5.0	7.1	5.1	7.3	5.1	7.4	5.0	7.5	5.0	7.7	4.7	8.0	4.4
	33.0	6.7	4.7	6.7	4.8	6.8	5.0	7.0	5.0	7.1	5.0	7.2	5.0	7.3	4.9	7.5	4.7	7.8	4.3
	35.0	6.5	4.6	6.6	4.8	6.7	4.9	6.8	5.0	6.9	5.0	7.0	5.0	7.1	4.9	7.3	4.7	7.6	4.3
	37.0	6.3	4.6	6.4	4.8	6.5	4.9	6.6	4.9	6.7	4.9	6.8	4.9	6.9	4.8	7.1	4.6	7.4	4.2
	39.0	6.1	4.5	6.1	4.7	6.2	4.8	6.3	4.9	6.5	4.9	6.5	4.9	6.6	4.8	6.8	4.6	7.1	4.2

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

RAV-GM1602AT8W-E/TR, RAV-HM561FT-E/TR × 3

unit size	outdoor air temp. CDB	indoor air temp.																	
		14.0CWB 20.0CDB		15.0CWB 21.5CDB		16.0CWB 23.0CDB		17.0CWB 24.5CDB		18.0CWB 26.0CDB		19.0CWB 27.0CDB		20.0CWB 28.0CDB		22.0CWB 30.0CDB		24.0CWB 32.0CDB	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
1602	10.0	4.8	3.1	4.9	3.2	5.0	3.3	5.1	3.3	5.1	3.3	5.2	3.3	5.3	3.3	5.4	3.1	5.6	2.8
	12.0	4.8	3.1	4.9	3.2	5.0	3.3	5.0	3.3	5.1	3.3	5.2	3.3	5.3	3.3	5.4	3.1	5.6	2.8
	14.0	4.8	3.1	4.9	3.2	5.0	3.3	5.0	3.3	5.1	3.3	5.2	3.3	5.3	3.3	5.4	3.1	5.6	2.8
	16.0	4.8	3.1	4.9	3.2	5.0	3.3	5.0	3.3	5.1	3.3	5.2	3.3	5.3	3.3	5.4	3.1	5.6	2.8
	18.0	4.8	3.1	4.9	3.2	4.9	3.3	5.0	3.4	5.1	3.3	5.2	3.3	5.3	3.3	5.4	3.1	5.6	2.8
	20.0	4.8	3.1	4.9	3.2	4.9	3.3	5.0	3.4	5.1	3.3	5.2	3.3	5.3	3.3	5.4	3.1	5.6	2.8
	21.0	4.8	3.1	4.9	3.3	4.9	3.3	5.0	3.4	5.1	3.3	5.2	3.3	5.3	3.3	5.4	3.1	5.6	2.8
	23.0	4.8	3.2	4.8	3.3	4.9	3.3	5.0	3.4	5.1	3.4	5.2	3.3	5.2	3.3	5.4	3.1	5.6	2.9
	25.0	4.8	3.2	4.8	3.3	4.9	3.4	5.0	3.4	5.1	3.4	5.1	3.4	5.2	3.3	5.4	3.1	5.6	2.9
	27.0	4.7	3.2	4.8	3.3	4.8	3.4	4.9	3.4	5.0	3.4	5.1	3.4	5.1	3.4	5.3	3.2	5.5	2.9
	29.0	4.6	3.2	4.7	3.4	4.8	3.4	4.8	3.5	4.9	3.5	5.0	3.4	5.1	3.4	5.2	3.2	5.4	3.0
	31.0	4.5	3.3	4.6	3.4	4.7	3.5	4.7	3.5	4.8	3.5	4.9	3.5	5.0	3.5	5.1	3.3	5.3	3.0
	33.0	4.4	3.3	4.5	3.4	4.6	3.5	4.6	3.6	4.7	3.6	4.8	3.6	4.9	3.5	5.0	3.4	5.2	3.1
	35.0	4.3	3.4	4.4	3.5	4.4	3.6	4.5	3.6	4.6	3.6	4.7	3.6	4.7	3.6	4.9	3.4	5.1	3.2
	37.0	4.2	3.4	4.2	3.5	4.3	3.6	4.4	3.7	4.5	3.7	4.5	3.7	4.6	3.6	4.7	3.5	4.9	3.3
	39.0	4.0	3.4	4.1	3.6	4.2	3.7	4.2	3.7	4.3	3.7	4.4	3.7	4.4	3.7	4.6	3.6	4.7	3.3

TC: Total Capacity [kW]

SHC: Sensible Heat Capacity [kW]

2-7. Part load performance

Indoor unit: RAV-HM1101UTP-E/TR, RAV-HM561UTP-E/TR × 2

Outdoor unit: RAV-GM1102AT8W-E/TR

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	560	3000	710
RATING	9500	2520	11200	2820

Cooling

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
46	Q	7300	6570	6470	6470	6470	6470	6470	6470	6470
	W	2450	2090	2040	2040	2040	2040	2040	2040	2040
43	Q	8130	7320	7100	7100	7100	7100	7100	7100	7100
	W	2590	2200	2100	2100	2100	2100	2100	2100	2100
40	Q	8860	7970	7400	7400	7400	7400	7400	7400	7400
	W	2670	2260	2020	2020	2020	2020	2020	2020	2020
35	Q	9500	8550	7600	6650	5700	4750	3800	3000	3000
	W	2520	2140	1800	1500	1220	970	750	560	560
30	Q	9880	8890	7900	7000	5930	4940	3950	3400	3400
	W	2310	1970	1670	1180	1140	910	700	590	590
25	Q	10280	9250	8220	7200	6170	5140	4500	3550	3550
	W	2150	1840	1560	1310	1080	860	500	560	560
20	Q	10600	9540	8480	7420	6360	5300	3750	3750	3750
	W	2000	1720	1460	1230	1010	810	290	290	290

Heating

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
15	Q	13420	12080	10740	9400	8050	6710	5370	4030	2920
	W	2890	2540	2210	1890	1590	1290	1010	750	530
10	Q	12030	10830	9620	8420	7220	6020	4810	3610	2550
	W	2830	2490	2160	1850	1560	1270	990	730	510
7	Q	11200	10080	8960	7840	6720	5600	4480	3000	3000
	W	2820	2480	2160	1850	1550	1260	990	710	710
5	Q	10340	9310	8270	7240	6200	5170	4140	3100	2070
	W	2660	2350	2040	1750	1470	1200	940	690	450
2	Q	9490	8540	7590	6640	5690	4300	4300	4300	4300
	W	2600	2290	2000	1710	1440	1040	1040	1040	1040
0	Q	8920	8030	7140	6240	5350	5210	5210	5210	5210
	W	2550	2250	1960	1680	1410	1370	1370	1370	1370
-5	Q	7500	6750	6000	5250	4980	4980	4980	4980	4980
	W	2420	2130	1860	1600	1500	1500	1500	1500	1500
-7	Q	6930	6240	5540	4850	4580	4580	4580	4580	4580
	W	2350	2080	1810	1560	1460	1460	1460	1460	1460
-10	Q	6080	5470	4860	4260	3960	3960	3960	3960	3960
	W	2240	1980	1730	1490	1370	1370	1370	1370	1370
-15	Q	4670	4200	3740	3270	2940	2940	2940	2940	2940
	W	2010	1780	1560	1340	1190	1190	1190	1190	1190

Indoor unit: **RAV-HM1401UTP-E/TR, RAV-HM801UTP-E/TR × 2**
Outdoor unit: **RAV-GM1402AT8W-E/TR**

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	560	3000	710
RATING	12100	3810	13000	3390

Cooling

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
46	Q	8320	8010	7120	6470	6470	6470	6470	6470	6470
	W	3030	2840	2350	2030	2030	2030	2030	2030	2030
43	Q	10140	9130	8110	7100	7100	7100	7100	7100	7100
	W	3780	3130	2570	2090	2090	2090	2090	2090	2090
40	Q	11200	10080	8960	7840	7400	7400	7400	7400	7400
	W	4010	3300	2700	2190	2010	2010	2010	2010	2010
35	Q	12100	10890	9680	8470	7260	6050	4840	3630	3000
	W	3810	3150	2590	2110	1690	1320	990	700	560
30	Q	12560	11300	10050	8920	7540	6280	5020	3770	3400
	W	3430	2860	2370	1700	1560	1230	930	660	590
25	Q	13060	11750	10450	9140	7840	6530	5700	3920	3550
	W	3150	2640	2200	1810	1460	1150	690	630	560
20	Q	13440	12100	10750	9410	8060	6720	5380	3750	3750
	W	2890	2440	2040	1680	1370	1080	820	290	290

Heating

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
15	Q	15550	14000	12440	10890	9330	7780	6220	4670	3110
	W	3480	3040	2630	2240	1870	1520	1190	870	570
10	Q	13960	12560	11170	9770	8380	6980	5580	4190	2790
	W	3410	2980	2580	2200	1840	1490	1170	860	560
7	Q	13000	11700	10400	9100	7800	6500	5200	3900	3000
	W	3390	2970	2570	2190	1830	1490	1160	850	710
5	Q	12090	10880	9670	8460	7250	6050	4840	3630	2420
	W	3230	2830	2450	2090	1750	1430	1110	820	530
2	Q	11110	10000	8890	7780	6670	5580	4310	4310	4310
	W	3150	2770	2400	2050	1720	1400	1040	1040	1040
0	Q	10460	9410	8370	7320	6280	5230	5210	5210	5210
	W	3100	2720	2360	2010	1690	1370	1370	1370	1370
-5	Q	8830	7950	7060	6180	5300	4980	4980	4980	4980
	W	2940	2580	2240	1920	1610	1500	1500	1500	1500
-7	Q	8180	7080	6540	5730	4910	4580	4580	4580	4580
	W	2860	2420	2190	1870	1570	1450	1450	1450	1450
-10	Q	7210	6490	5770	5050	4330	3960	3960	3960	3960
	W	2740	2410	2100	1800	1510	1370	1370	1370	1370
-15	Q	5580	5020	4460	3910	3350	2940	2940	2940	2940
	W	2460	2170	1890	1630	1370	1190	1190	1190	1190

Indoor unit: RAV-HM1601UTP-E/TR, RAV-HM801UTP-E/TR × 2, RAV-HM561UTP-E/TR × 3
Outdoor unit: RAV-GM1602AT8W-E/TR

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	560	3000	710
RATING	14000	4920	16000	4650

Cooling

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
46	Q	8590	8590	8060	7060	6470	6470	6470	6470	6470
	W	3070	3070	2760	2240	1970	1970	1970	1970	1970
43	Q	11180	10450	9290	8130	7100	7100	7100	7100	7100
	W	4380	3840	3110	2490	2030	2030	2030	2030	2030
40	Q	12910	11620	10330	9040	7750	7400	7400	7400	7400
	W	5150	4140	3330	2650	2090	1950	1950	1950	1950
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	3000
	W	4920	3970	3200	2560	2020	1560	1170	820	560
30	Q	14510	13060	11610	10320	8710	7260	5800	4350	3400
	W	4370	3570	2900	2160	1860	1450	1080	760	580
25	Q	15090	13580	12070	10560	9050	7550	6630	4530	3550
	W	3990	3290	2690	2180	1740	1360	860	730	550
20	Q	15510	13960	12410	10860	9310	7760	6200	4650	3610
	W	3630	3010	2480	2030	1630	1280	960	680	280

Heating

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
15	Q	18630	17190	15280	13370	11460	9550	7640	5730	3820
	W	4740	4240	3630	3060	2540	2040	1580	1150	740
10	Q	17160	15440	13730	12010	10300	8580	6860	5150	3430
	W	4680	4060	3480	2940	2440	1960	1520	1110	720
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3000
	W	4650	4030	3460	2920	2420	1950	1510	1100	710
5	Q	15010	13510	12010	10510	9010	7510	6000	4500	3000
	W	4350	3780	3250	2750	2290	1850	1430	1040	680
2	Q	13820	12440	11060	9670	8290	6910	5580	4310	4310
	W	4170	3630	3120	2650	2200	1780	1400	1020	1020
0	Q	13030	11730	10420	9120	7820	6520	5210	5210	5210
	W	4040	3520	3030	2570	2140	1740	1350	1350	1350
-5	Q	11060	9950	8850	7740	6640	5530	4980	4980	4980
	W	3690	3220	2790	2370	1980	1600	1430	1430	1430
-7	Q	10270	9240	8220	7080	6160	5140	4580	4580	4580
	W	3540	3090	2680	2270	1900	1550	1360	1360	1360
-10	Q	9080	8170	7260	6360	5450	4540	3960	3960	3960
	W	3280	2870	2490	2130	1780	1450	1240	1240	1240
-15	Q	7100	6390	5680	4970	4260	3550	2940	2940	2940
	W	2790	2460	2140	1830	1540	1250	1020	1020	1020

Indoor unit: **RAV-HM561MUT-E/TR × 2**

Outdoor unit: **RAV-GM1102AT8W-E/TR**

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	600	3000	750
RATING	9500	2650	11200	3110

Cooling

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
46	Q	7300	6570	6470	6470	6470	6470	6470	6470	6470
	W	2620	2220	2170	2170	2170	2170	2170	2170	2170
43	Q	8130	7320	7100	7100	7100	7100	7100	7100	7100
	W	2750	2330	2220	2220	2220	2220	2220	2220	2220
40	Q	8860	7970	7400	7400	7400	7400	7400	7400	7400
	W	2820	2380	2130	2130	2130	2130	2130	2130	2130
35	Q	9500	8550	7600	6650	5700	4750	3800	3000	3000
	W	2650	2250	1890	1570	1280	1010	770	600	600
30	Q	9880	8890	7900	7000	5930	4940	3950	3400	3400
	W	2420	2060	1740	1390	1180	940	720	610	610
25	Q	10280	9250	8220	7200	6170	5140	4500	3550	3550
	W	2240	1910	1620	1360	1110	890	620	580	580
20	Q	10600	9540	8480	7420	6360	5300	4240	3420	3420
	W	2070	1780	1510	1270	1040	840	640	300	300

Heating

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
15	Q	13420	12080	10740	9400	8050	6710	5370	4030	2920
	W	3130	2750	2380	2040	1700	1390	1090	800	570
10	Q	12030	10830	9620	8420	7220	6020	4810	3610	2550
	W	3070	2690	2340	2000	1670	1360	1070	780	540
7	Q	11200	10080	8960	7840	6720	5600	4480	3000	3000
	W	3110	2730	2370	2020	1690	1380	1080	750	750
5	Q	10340	9310	8270	7240	6200	5170	4140	3100	2070
	W	2880	2540	2200	1890	1580	1290	1010	740	490
2	Q	9490	8540	7590	6640	5690	4310	4310	4310	4310
	W	2820	2480	2150	1840	1550	1090	1090	1090	1090
0	Q	8920	8030	7140	6240	5350	5210	5210	5210	5210
	W	2770	2430	2120	1810	1520	1480	1480	1480	1480
-5	Q	7500	6750	6000	5250	4980	4980	4980	4980	4980
	W	2620	2310	2010	1720	1620	1620	1620	1620	1620
-7	Q	6930	6240	5540	4850	4580	4580	4580	4580	4580
	W	2550	2250	1950	1680	1570	1570	1570	1570	1570
-10	Q	6080	5470	4860	4260	3960	3960	3960	3960	3960
	W	2430	2140	1870	1600	1480	1480	1480	1480	1480
-15	Q	4670	4200	3740	3270	2940	2940	2940	2940	2940
	W	2180	1920	1680	1450	1290	1290	1290	1290	1290

Indoor unit: **RAV-HM561MUT-E/TR × 3**

Outdoor unit: **RAV-GM1602AT8W-E/TR**

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	600	3000	750
RATING	14000	5380	16000	5970

Cooling

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
46	Q	8610	8610	8060	7060	6470	6470	6470	6470	6470
	W	3380	3380	3010	2430	2120	2120	2120	2120	2120
43	Q	11000	10450	9290	8130	7100	7100	7100	7100	7100
	W	4680	4220	3380	2690	2180	2180	2180	2180	2180
40	Q	12910	11620	10330	9040	7750	7400	7400	7400	7400
	W	5710	4540	3610	2860	2240	2090	2090	2090	2090
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	3000
	W	5380	4300	3440	2740	2150	1650	1230	860	600
30	Q	14510	13060	11610	10310	8710	7260	5800	4350	3400
	W	4710	3820	3090	2340	1970	1520	1140	800	600
25	Q	15090	13580	12070	10560	9050	7550	6550	4530	3550
	W	4270	3490	2850	2300	1830	1430	1080	760	570
20	Q	15510	13960	12410	10860	9310	7760	6200	4650	3130
	W	3850	3180	2610	2120	1700	1330	1000	710	360

Heating

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
15	Q	19100	17190	15280	13370	11460	9550	7640	5730	3820
	W	6030	5170	4390	3680	3020	2420	1860	1340	860
10	Q	17160	15440	13730	12010	10300	8580	6860	5150	3430
	W	5690	4890	4160	3490	2880	2310	1780	1290	830
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3000
	W	5970	5120	4350	3640	3000	2400	1850	1330	750
5	Q	15010	13510	12010	10510	9010	7510	6000	4500	3000
	W	5210	4500	3840	3230	2670	2150	1660	1200	780
2	Q	13820	12440	11060	9670	8290	6910	5580	4310	4310
	W	4950	4280	3660	3090	2550	2060	1610	1090	1090
0	Q	13030	11730	10420	9120	7820	6520	5210	5210	5210
	W	4770	4130	3530	2990	2470	2000	1540	1540	1540
-5	Q	11060	9950	8850	7740	6640	5530	4980	4980	4980
	W	4280	3720	3200	2710	2250	1820	1610	1610	1610
-7	Q	10270	9240	8220	7080	6160	5140	4580	4580	4580
	W	4060	3540	3050	2670	2150	1740	1530	1530	1530
-10	Q	9080	8170	7260	6360	5450	4540	3960	3960	3960
	W	3720	3250	2810	2390	1990	1620	1390	1390	1390
-15	Q	7100	6390	5680	4970	4260	3550	2940	2940	2940
	W	3100	2720	2360	2020	1690	1380	1120	1120	1120

Indoor unit: **RAV-HM1101BTP-E/TR, RAV-HM561BTP-E/TR × 2**
Outdoor unit: **RAV-GM1102AT8W-E/TR**

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	680	3000	780
RATING	9500	2560	11200	2870

Cooling

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
46	Q	7300	6570	6470	6470	6470	6470	6470	6470	6470
	W	2500	2130	2080	2080	2080	2080	2080	2080	2080
43	Q	8130	7320	7100	7100	7100	7100	7100	7100	7100
	W	2640	2240	2140	2140	2140	2140	2140	2140	2140
40	Q	8860	7970	7400	7400	7400	7400	7400	7400	7400
	W	2710	2290	2050	2050	2050	2050	2050	2050	2050
35	Q	9500	8550	7600	6650	5700	4750	3800	3000	3000
	W	2560	2170	1830	1520	1240	990	750	680	680
30	Q	9880	8890	7900	7000	5930	4940	3950	3400	3400
	W	2340	2000	1690	1300	1150	920	710	590	590
25	Q	10280	9250	8220	7200	6170	5140	4490	3550	3550
	W	2180	1870	1580	1320	1090	870	610	560	560
20	Q	10600	9540	8480	7420	6360	5300	4240	3570	3570
	W	2020	1740	1480	1240	1020	820	630	410	410

Heating

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
15	Q	13420	12080	10740	9400	8050	6710	5370	4030	2920
	W	3080	2710	2350	2010	1680	1370	1070	790	560
10	Q	12030	10830	9620	8420	7220	6020	4810	3610	2550
	W	2990	2620	2280	1950	1630	1330	1040	770	530
7	Q	11200	10080	8960	7840	6720	5600	4480	3000	3000
	W	2870	2520	2190	1880	1570	1280	1010	780	780
5	Q	10340	9310	8270	7240	6200	5170	4140	3100	2070
	W	2770	2440	2120	1820	1520	1240	980	720	470
2	Q	9490	8540	7590	6640	5690	4460	4460	4460	4460
	W	2680	2360	2050	1760	1480	1160	1160	1160	1160
0	Q	8920	8030	7140	6240	5350	5210	5210	5210	5210
	W	2620	2310	2010	1720	1440	1400	1400	1400	1400
-5	Q	7500	6750	6000	5250	4980	4980	4980	4980	4980
	W	2430	2140	1870	1600	1510	1510	1510	1510	1510
-7	Q	6930	6240	5540	4850	4580	4580	4580	4580	4580
	W	2340	2070	1800	1550	1450	1450	1450	1450	1450
-10	Q	6080	5470	4860	4260	3960	3960	3960	3960	3960
	W	2190	1940	1690	1460	1340	1340	1340	1340	1340
-15	Q	4670	4200	3740	3270	2940	2940	2940	2940	2940
	W	1910	1690	1480	1270	1130	1130	1130	1130	1130

Indoor unit: **RAV-HM1401BTP-E/TR, RAV-HM801BTP-E/TR × 2**
Outdoor unit: **RAV-GM1402AT8W-E/TR**

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	680	3000	780
RATING	12100	3940	13000	3500

Cooling

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
46	Q	8270	8010	7120	6470	6470	6470	6470	6470	6470
	W	3110	2950	2440	2100	2100	2100	2100	2100	2100
43	Q	10140	9130	8110	7100	7100	7100	7100	7100	7100
	W	3940	3250	2660	2160	2160	2160	2160	2160	2160
40	Q	11200	10080	8960	7840	7400	7400	7400	7400	7400
	W	4170	3420	2790	2260	2070	2070	2070	2070	2070
35	Q	12100	10890	9680	8470	7260	6050	4840	3630	3000
	W	3940	3250	2660	2160	1730	1350	1020	720	680
30	Q	12560	11300	10050	8920	7540	6280	5020	3770	3400
	W	3530	2930	2430	1840	1590	1250	940	670	600
25	Q	13060	11750	10450	9140	7840	6530	5730	3920	3550
	W	3240	2710	2250	1850	1490	1170	830	640	570
20	Q	13440	12100	10750	9410	8060	6720	5380	3570	3570
	W	2960	2490	2080	1720	1390	1100	840	410	410

Heating

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
15	Q	15550	14000	12440	10890	9330	7780	6220	4670	3110
	W	3790	3310	2860	2430	2020	1640	1280	940	610
10	Q	13960	12560	11170	9770	8380	6980	5580	4190	2790
	W	3670	3210	2770	2360	1970	1600	1240	910	590
7	Q	13000	11700	10400	9100	7800	6500	5200	3900	3000
	W	3500	3060	2650	2260	1880	1530	1190	870	780
5	Q	12090	10880	9670	8460	7250	6050	4840	3630	2420
	W	3430	3000	2600	2210	1850	1510	1180	860	560
2	Q	11110	10000	8890	7780	6670	5580	4460	4460	4460
	W	3320	2910	2520	2150	1800	1470	1190	1190	1190
0	Q	10460	9410	8370	7320	6280	5230	5210	5210	5210
	W	3240	2840	2460	2100	1760	1430	1420	1420	1420
-5	Q	8830	7950	7060	6180	5300	4980	4980	4980	4980
	W	3010	2650	2290	1960	1650	1530	1530	1530	1530
-7	Q	8180	7430	6540	5730	4910	4580	4580	4580	4580
	W	2910	2540	2220	1900	1590	1470	1470	1470	1470
-10	Q	7210	6490	5770	5050	4330	3960	3960	3960	3960
	W	2740	2410	2100	1800	1510	1370	1370	1370	1370
-15	Q	5580	5020	4460	3910	3350	2940	2940	2940	2940
	W	2390	2110	1840	1580	1330	1150	1150	1150	1150

Indoor unit: **RAV-HM1601BTP-E/TR, RAV-HM801BTP-E/TR × 2, RAV-HM561BTP-E/TR × 3**
Outdoor unit: **RAV-GM1602AT8W-E/TR**

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	680	3000	780
RATING	14000	5140	16000	4660

Cooling

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
46	Q	8510	8510	8060	7060	6470	6470	6470	6470	6470
	W	3160	3160	2880	2330	2040	2040	2040	2040	2040
43	Q	11100	10450	9290	8130	7100	7100	7100	7100	7100
	W	4530	4020	3240	2590	2100	2100	2100	2100	2100
40	Q	12910	11620	10330	9040	7750	7400	7400	7400	7400
	W	5420	4330	3460	2750	2160	2020	2020	2020	2020
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	3000
	W	5140	4130	3320	2650	2090	1610	1200	840	680
30	Q	14510	13060	11610	10260	8710	7260	5800	4350	3400
	W	4540	3690	3000	2230	1910	1490	1110	780	590
25	Q	15090	13580	12070	10560	9050	7550	6580	4530	3550
	W	4120	3390	2770	2240	1790	1390	940	740	560
20	Q	15510	13960	12410	10860	9310	7760	6200	4650	3380
	W	3730	3090	2540	2070	1660	1300	980	700	390

Heating

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
15	Q	18620	17190	15280	13370	11460	9550	7640	5730	3820
	W	4880	4370	3740	3150	2600	2090	1620	1180	760
10	Q	17160	15440	13730	12010	10300	8580	6860	5150	3430
	W	4850	4200	3600	3040	2510	2020	1570	1140	740
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3000
	W	4660	4040	3460	2930	2430	1960	1520	1100	780
5	Q	15010	13510	12010	10510	9010	7510	6000	4500	3000
	W	4530	3930	3380	2860	2370	1910	1480	1080	700
2	Q	13820	12440	11060	9670	8290	6910	5580	4520	4520
	W	4360	3790	3260	2760	2290	1850	1450	1170	1170
0	Q	13030	11730	10420	9120	7820	6520	5210	5210	5210
	W	4240	3690	3170	2690	2230	1810	1400	1400	1400
-5	Q	11060	9950	8850	7740	6640	5530	4980	4980	4980
	W	3900	3400	2930	2490	2080	1680	1490	1490	1490
-7	Q	10270	9240	8220	7430	6160	5140	4580	4580	4580
	W	3750	3270	2830	2480	2000	1630	1430	1430	1430
-10	Q	9080	8170	7260	6360	5450	4540	3960	3960	3960
	W	3500	3060	2640	2260	1880	1530	1310	1310	1310
-15	Q	7100	6390	5680	4970	4260	3550	2940	2940	2940
	W	3010	2640	2290	1960	1640	1340	1090	1090	1090

Indoor unit: **RAV-HM1101CTP-E/TR, RAV-HM561CTP-E/TR × 2**
Outdoor unit: **RAV-GM1102AT8W-E/TR**

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	620	3000	700
RATING	9500	2550	11200	2830

Cooling

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
46	Q	7300	6570	6470	6470	6470	6470	6470	6470	6470
	W	2490	2120	2070	2070	2070	2070	2070	2070	2070
43	Q	8130	7320	7100	7100	7100	7100	7100	7100	7100
	W	2630	2230	2130	2130	2130	2130	2130	2130	2130
40	Q	8860	7970	7400	7400	7400	7400	7400	7400	7400
	W	2700	2290	2040	2040	2040	2040	2040	2040	2040
35	Q	9500	8550	7600	6650	5700	4750	3800	3000	3000
	W	2550	2170	1820	1510	1240	980	750	620	620
30	Q	9880	8890	7900	6980	5930	4940	3950	3400	3400
	W	2330	1990	1680	1350	1150	920	700	590	590
25	Q	10280	9250	8220	7200	6170	5140	4420	3550	3550
	W	2170	1860	1580	1320	1080	870	540	560	560
20	Q	10600	9540	8480	7420	6360	5300	4240	3270	3270
	W	2020	1730	1480	1240	1020	820	630	320	320

Heating

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
15	Q	13420	12080	10740	9400	8050	6710	5370	4030	2920
	W	3030	2660	2310	1980	1650	1350	1060	780	550
10	Q	12030	10830	9620	8420	7220	6020	4810	3610	2550
	W	2920	2570	2230	1910	1600	1310	1020	750	520
7	Q	11200	10080	8960	7840	6720	5600	4480	3000	3000
	W	2830	2490	2160	1850	1550	1270	990	700	700
5	Q	10340	9310	8270	7240	6200	5170	4140	3100	2070
	W	2700	2380	2070	1770	1490	1220	950	700	460
2	Q	9490	8540	7590	6640	5690	4310	4310	4310	4310
	W	2600	2290	2000	1710	1440	1070	1070	1070	1070
0	Q	8920	8030	7140	6240	5350	5210	5210	5210	5210
	W	2530	2230	1950	1670	1400	1360	1360	1360	1360
-5	Q	7500	6750	6000	5250	4980	4980	4980	4980	4980
	W	2330	2060	1800	1550	1460	1460	1460	1460	1460
-7	Q	6930	6240	5540	4850	4580	4580	4580	4580	4580
	W	2240	1980	1730	1490	1400	1400	1400	1400	1400
-10	Q	6080	5470	4860	4260	3960	3960	3960	3960	3960
	W	2090	1850	1620	1400	1290	1290	1290	1290	1290
-15	Q	4670	4200	3740	3270	2940	2940	2940	2940	2940
	W	1800	1600	1400	1210	1070	1070	1070	1070	1070

Indoor unit: **RAV-HM1401CTP-E/TR, RAV-HM801CTP-E/TR × 2**
Outdoor unit: **RAV-GM1402AT8W-E/TR**

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	620	3000	700
RATING	12100	3940	13000	3430

Cooling

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
46	Q	8230	8010	7120	6470	6470	6470	6470	6470	6470
	W	3090	2950	2440	2100	2100	2100	2100	2100	2100
43	Q	10140	9130	8110	7100	7100	7100	7100	7100	7100
	W	3940	3250	2660	2160	2160	2160	2160	2160	2160
40	Q	11200	10080	8960	7840	7400	7400	7400	7400	7400
	W	4170	3420	2790	2260	2070	2070	2070	2070	2070
35	Q	12100	10890	9680	8470	7260	6050	4840	3630	3000
	W	3940	3250	2660	2160	1730	1350	1020	720	620
30	Q	12560	11300	10050	8920	7540	6280	5020	3770	3400
	W	3530	2930	2430	1990	1590	1250	940	670	600
25	Q	13060	11750	10450	9140	7840	6530	5660	3920	3550
	W	3240	2710	2250	1850	1490	1170	840	640	570
20	Q	13440	12100	10750	9410	8060	6720	5380	4030	3300
	W	2960	2490	2080	1720	1390	1100	840	600	340

Heating

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
15	Q	15550	14000	12440	10890	9330	7780	6220	4670	3110
	W	3660	3200	2760	2350	1960	1590	1240	910	590
10	Q	13960	12560	11170	9770	8380	6980	5580	4190	2790
	W	3530	3090	2670	2270	1900	1540	1200	880	570
7	Q	13000	11700	10400	9100	7800	6500	5200	3900	3000
	W	3430	3000	2600	2210	1850	1500	1170	860	700
5	Q	12090	10880	9670	8460	7250	6050	4840	3630	2420
	W	3290	2880	2500	2130	1780	1450	1130	830	540
2	Q	11110	10000	8890	7780	6670	5580	4310	4310	4310
	W	3180	2790	2420	2060	1730	1410	1070	1070	1070
0	Q	10460	9410	8370	7320	6280	5230	5210	5210	5210
	W	3100	2720	2360	2010	1690	1370	1370	1370	1370
-5	Q	8830	7950	7060	6180	5300	4980	4980	4980	4980
	W	2860	2520	2190	1870	1570	1470	1470	1470	1470
-7	Q	8180	7080	6540	5730	4910	4580	4580	4580	4580
	W	2760	2310	2110	1810	1520	1400	1400	1400	1400
-10	Q	7210	6490	5770	5050	4330	3960	3960	3960	3960
	W	2590	2280	1990	1700	1430	1300	1300	1300	1300
-15	Q	5580	5020	4460	3910	3350	2940	2940	2940	2940
	W	2240	1980	1730	1490	1250	1090	1090	1090	1090

Indoor unit: RAV-HM1601CTP-E/TR, RAV-HM801CTP-E/TR × 2, RAV-HM561CTP-E/TR × 3
Outdoor unit: RAV-GM1602AT8W-E/TR

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	620	3000	700
RATING	14000	4940	16000	4680

Cooling

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
46	Q	8610	8610	8060	7060	6470	6470	6470	6470	6470
	W	3090	3090	2770	2250	1970	1970	1970	1970	1970
43	Q	11200	10450	9290	8130	7100	7100	7100	7100	7100
	W	4420	3860	3120	2500	2030	2030	2030	2030	2030
40	Q	12910	11620	10330	9040	7750	7400	7400	7400	7400
	W	5180	4160	3340	2660	2100	1960	1960	1960	1960
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	3000
	W	4940	3990	3210	2570	2030	1570	1170	820	620
30	Q	14510	13060	11610	10320	8710	7260	5800	4350	3400
	W	4380	3580	2910	2270	1870	1450	1090	770	580
25	Q	15090	13580	12070	10560	9050	7550	6270	4530	3550
	W	4000	3300	2700	2190	1750	1370	900	730	550
20	Q	15510	13960	12410	10860	9310	7760	6200	4650	3430
	W	3640	3020	2490	2030	1630	1280	960	680	300

Heating

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
15	Q	18590	17190	15280	13370	11460	9550	7640	5730	3820
	W	4760	4280	3660	3090	2550	2060	1590	1160	750
10	Q	17160	15440	13730	12010	10300	8580	6860	5150	3430
	W	4750	4120	3530	2980	2470	1990	1540	1120	720
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3000
	W	4680	4060	3480	2940	2430	1960	1520	1110	700
5	Q	15010	13510	12010	10510	9010	7510	6000	4500	3000
	W	4450	3860	3320	2810	2330	1880	1460	1060	690
2	Q	13820	12440	11060	9670	8290	6910	5580	4310	4310
	W	4290	3730	3200	2710	2250	1820	1430	1060	1060
0	Q	13030	11730	10420	9120	7820	6520	5210	5210	5210
	W	4170	3630	3120	2650	2200	1780	1380	1380	1380
-5	Q	11060	9950	8850	7740	6640	5530	4980	4980	4980
	W	3850	3360	2900	2460	2050	1660	1480	1480	1480
-7	Q	10270	9240	8220	7080	6160	5140	4580	4580	4580
	W	3700	3230	2790	2350	1980	1610	1410	1410	1410
-10	Q	9080	8170	7260	6360	5450	4540	3960	3960	3960
	W	3460	3030	2620	2230	1870	1520	1300	1300	1300
-15	Q	7100	6390	5680	4970	4260	3550	2940	2940	2940
	W	2990	2630	2280	1950	1630	1330	1080	1080	1080

Indoor unit: **RAV-HM1101KRTP-E/TR, RAV-HM561KRTP-E/TR × 2**
Outdoor unit: **RAV-GM1102AT8W-E/TR**

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	670	3000	770
RATING	9500	2950	11200	3380

Cooling

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
46	Q	7300	6570	6470	6470	6470	6470	6470	6470	6470
	W	3010	2530	2470	2470	2470	2470	2470	2470	2470
43	Q	8130	7320	7100	7100	7100	7100	7100	7100	7100
	W	3140	2640	2510	2510	2510	2510	2510	2510	2510
40	Q	8860	7970	7400	7400	7400	7400	7400	7400	7400
	W	3190	2670	2380	2380	2380	2380	2380	2380	2380
35	Q	9500	8550	7600	6650	5700	4750	3800	3000	3000
	W	2950	2480	2070	1710	1390	1100	840	670	670
30	Q	9880	8890	7900	7000	5930	4940	3950	3400	3400
	W	2650	2250	1890	1430	1280	1010	770	650	650
25	Q	10280	9250	8220	7200	6170	5140	4450	3550	3550
	W	2430	2070	1750	1460	1190	950	610	610	610
20	Q	10600	9540	8480	7420	6360	5300	4240	3330	3330
	W	2230	1910	1620	1350	1110	890	680	300	300

Heating

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
15	Q	13420	12080	10740	9400	8050	6710	5370	4030	2920
	W	3380	2960	2560	2180	1820	1480	1160	850	600
10	Q	12030	10830	9620	8420	7220	6020	4810	3610	2550
	W	3240	2840	2460	2100	1760	1430	1120	820	570
7	Q	11200	10080	8960	7840	6720	5600	4480	3000	3000
	W	3380	2960	2560	2180	1830	1480	1160	770	770
5	Q	10340	9310	8270	7240	6200	5170	4140	3100	2070
	W	2980	2620	2270	1940	1630	1330	1040	760	500
2	Q	9490	8540	7590	6640	5690	5580	4130	4130	4130
	W	2860	2520	2190	1870	1570	1530	1000	1000	1000
0	Q	8920	8030	7140	6240	5350	5210	5210	5210	5210
	W	2780	2440	2130	1820	1530	1480	1480	1480	1480
-5	Q	7500	6750	6000	5250	4980	4980	4980	4980	4980
	W	2540	2240	1950	1670	1580	1580	1580	1580	1580
-7	Q	6930	6240	5540	4850	4580	4580	4580	4580	4580
	W	2430	2150	1870	1610	1510	1510	1510	1510	1510
-10	Q	6080	5470	4860	4260	3960	3960	3960	3960	3960
	W	2260	2000	1740	1500	1380	1380	1380	1380	1380
-15	Q	4670	4200	3740	3270	2940	2940	2940	2940	2940
	W	1920	1700	1490	1290	1140	1140	1140	1140	1140

Indoor unit: **RAV-HM801KRTP-E/TR × 2**

Outdoor unit: **RAV-GM1402AT8W-E/TR**

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	670	3000	770
RATING	12100	4130	13000	4420

Cooling

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
46	Q	8390	8010	7120	6470	6470	6470	6470	6470	6470
	W	3370	3110	2560	2210	2210	2210	2210	2210	2210
43	Q	10140	9130	8110	7100	7100	7100	7100	7100	7100
	W	4160	3420	2790	2260	2260	2260	2260	2260	2260
40	Q	11200	10080	8960	7840	7400	7400	7400	7400	7400
	W	4400	3590	2920	2360	2160	2160	2160	2160	2160
35	Q	12100	10890	9680	8470	7260	6050	4840	3630	3000
	W	4130	3390	2770	2240	1790	1390	1050	740	670
30	Q	12560	11300	10050	8920	7540	6280	5020	3770	3400
	W	3680	3050	2510	1970	1640	1290	970	690	610
25	Q	13060	11750	10450	9140	7840	6530	5700	3920	3550
	W	3350	2800	2320	1900	1530	1210	890	650	580
20	Q	13440	12100	10750	9410	8060	6720	5380	3400	3400
	W	3050	2570	2140	1760	1430	1130	860	360	360

Heating

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
15	Q	15550	14000	12440	10890	9330	7780	6220	4670	3110
	W	4410	3840	3290	2790	2310	1870	1450	1060	680
10	Q	13960	12560	11170	9770	8380	6980	5580	4190	2790
	W	4170	3630	3120	2650	2200	1780	1380	1010	650
7	Q	13000	11700	10400	9100	7800	6500	5200	3900	3000
	W	4420	3840	3300	2790	2320	1870	1450	1060	770
5	Q	12090	10880	9670	8460	7250	6050	4840	3630	2420
	W	3790	3300	2850	2420	2020	1640	1280	930	610
2	Q	11110	10000	8890	7780	6670	5580	4130	4130	4130
	W	3590	3140	2720	2310	1930	1570	1000	1000	1000
0	Q	10460	9410	8370	7320	6280	5230	5210	5210	5210
	W	3460	3030	2620	2230	1870	1520	1510	1510	1510
-5	Q	8830	7950	7060	6180	5300	4980	4980	4980	4980
	W	3100	2720	2360	2020	1690	1570	1570	1570	1570
-7	Q	8180	7080	6540	5730	4910	4580	4580	4580	4580
	W	2940	2620	2240	1920	1610	1490	1490	1490	1490
-10	Q	7210	6490	5770	5050	4330	3960	3960	3960	3960
	W	2700	2370	2070	1770	1490	1350	1350	1350	1350
-15	Q	5580	5020	4460	3910	3350	2940	2940	2940	2940
	W	2230	1970	1720	1480	1250	1080	1080	1080	1080

Indoor unit: **RAV-HM801KRTP-E/TR × 2, RAV-HM561KRTP-E/TR × 3**
Outdoor unit: **RAV-GM1602AT8W-E/TR**

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	670	3000	770
RATING	14000	5340	16000	6080

Cooling

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
46	Q	8650	8650	8060	7060	6470	6470	6470	6470	6470
	W	3380	3380	2990	2410	2110	2110	2110	2110	2110
43	Q	11040	10450	9290	8130	7100	7100	7100	7100	7100
	W	4680	4180	3360	2680	2170	2170	2170	2170	2170
40	Q	12910	11620	10330	9040	7750	7400	7400	7400	7400
	W	5660	4500	3580	2840	2220	2080	2080	2080	2080
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	3000
	W	5340	4270	3420	2720	2140	1650	1220	860	670
30	Q	14510	13060	11610	10310	8710	7260	5800	4350	3400
	W	4680	3800	3080	2310	1960	1520	1130	800	600
25	Q	15090	13580	12070	10560	9050	7550	6550	4530	3550
	W	4240	3470	2830	2290	1820	1420	1060	750	570
20	Q	15510	13960	12410	10860	9310	7760	6200	4650	3130
	W	3830	3160	2600	2110	1690	1320	1000	710	330

Heating

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
15	Q	19100	17190	15280	13370	11460	9550	7640	5730	3820
	W	6070	5200	4420	3700	3040	2430	1870	1350	870
10	Q	17160	15440	13730	12010	10300	8580	6860	5150	3430
	W	5690	4890	4170	3490	2880	2310	1780	1290	830
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3000
	W	6080	5210	4420	3700	3040	2430	1870	1350	770
5	Q	15010	13510	12010	10510	9010	7510	6000	4500	3000
	W	5180	4470	3820	3220	2660	2140	1650	1200	770
2	Q	13820	12440	11060	9670	8290	6910	5580	4130	4130
	W	4900	4240	3630	3060	2530	2040	1600	1010	1010
0	Q	13030	11730	10420	9120	7820	6520	5210	5210	5210
	W	4700	4080	3490	2950	2450	1970	1530	1530	1530
-5	Q	11060	9950	8850	7740	6640	5530	4980	4980	4980
	W	4190	3640	3140	2660	2210	1790	1590	1590	1590
-7	Q	10270	9240	8220	7080	6160	5140	4580	4580	4580
	W	3970	3460	2980	2640	2110	1710	1500	1500	1500
-10	Q	9080	8170	7260	6360	5450	4540	3960	3960	3960
	W	3610	3160	2730	2330	1940	1570	1350	1350	1350
-15	Q	7100	6390	5680	4970	4260	3550	2940	2940	2940
	W	2980	2620	2270	1940	1630	1330	1080	1080	1080

Indoor unit: **RAV-HM1101FT-E/TR, RAV-HM561FT-E/TR × 2**
Outdoor unit: **RAV-GM1102AT8W-E/TR**

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	640	3000	740
RATING	9500	2670	11200	3070

Cooling

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
46	Q	7300	6570	6470	6470	6470	6470	6470	6470	6470
	W	2640	2240	2190	2190	2190	2190	2190	2190	2190
43	Q	8130	7320	7100	7100	7100	7100	7100	7100	7100
	W	2780	2350	2240	2240	2240	2240	2240	2240	2240
40	Q	8860	7970	7400	7400	7400	7400	7400	7400	7400
	W	2850	2400	2140	2140	2140	2140	2140	2140	2140
35	Q	9500	8550	7600	6650	5700	4750	3800	3000	3000
	W	2670	2260	1900	1580	1280	1020	780	640	640
30	Q	9880	8890	7900	7000	5930	4940	3950	3400	3400
	W	2430	2070	1750	1370	1190	950	730	610	610
25	Q	10280	9250	8220	7200	6170	5140	4470	3550	3550
	W	2250	1930	1630	1360	1120	890	640	580	580
20	Q	10600	9540	8480	7420	6360	5300	4240	3370	3370
	W	2080	1790	1520	1270	1050	840	650	370	370

Heating

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
15	Q	13420	12080	10740	9400	8050	6710	5370	4030	2920
	W	3220	2830	2450	2090	1750	1420	1110	820	580
10	Q	12030	10830	9620	8420	7220	6020	4810	3610	2550
	W	3130	2750	2380	2040	1710	1390	1090	800	550
7	Q	11200	10080	8960	7840	6720	5600	4480	3000	3000
	W	3070	2700	2340	2000	1670	1360	1070	740	740
5	Q	10340	9310	8270	7240	6200	5170	4140	3100	2070
	W	2920	2570	2230	1910	1600	1300	1020	750	490
2	Q	9490	8540	7590	6640	5690	4330	4330	4330	4330
	W	2830	2490	2170	1850	1560	1150	1150	1150	1150
0	Q	8920	8030	7140	6240	5350	5210	5210	5210	5210
	W	2770	2440	2120	1810	1520	1480	1480	1480	1480
-5	Q	7500	6750	6000	5250	4980	4980	4980	4980	4980
	W	2590	2280	1990	1700	1600	1600	1600	1600	1600
-7	Q	6930	6240	5540	4850	4580	4580	4580	4580	4580
	W	2500	2210	1920	1650	1550	1550	1550	1550	1550
-10	Q	6080	5470	4860	4260	3960	3960	3960	3960	3960
	W	2360	2080	1810	1560	1440	1440	1440	1440	1440
-15	Q	4670	4200	3740	3270	2940	2940	2940	2940	2940
	W	2070	1830	1600	1380	1230	1230	1230	1230	1230

Indoor unit: **RAV-HM1401FT-E/TR, RAV-HM801FT-E/TR × 2**
Outdoor unit: **RAV-GM1402AT8W-E/TR**

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	640	3000	740
RATING	12100	4240	13000	3890

Cooling

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
46	Q	8250	8010	7120	6470	6470	6470	6470	6470	6470
	W	3380	3210	2630	2260	2260	2260	2260	2260	2260
43	Q	10140	9130	8110	7100	7100	7100	7100	7100	7100
	W	4300	3520	2860	2310	2310	2310	2310	2310	2310
40	Q	11200	10080	8960	7840	7400	7400	7400	7400	7400
	W	4540	3690	3000	2410	2210	2210	2210	2210	2210
35	Q	12100	10890	9680	8470	7260	6050	4840	3630	3000
	W	4240	3470	2830	2290	1820	1420	1060	750	640
30	Q	12560	11300	10050	8920	7540	6280	5020	3770	3400
	W	3760	3110	2560	1990	1670	1310	980	700	620
25	Q	13060	11750	10450	9140	7840	6530	5690	3920	3550
	W	3420	2850	2360	1930	1560	1220	940	660	590
20	Q	13440	12100	10750	9410	8060	6720	5380	3400	3400
	W	3110	2610	2170	1790	1440	1140	870	420	420

Heating

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
15	Q	15550	14000	12440	10890	9330	7780	6220	4670	3110
	W	4180	3640	3130	2650	2200	1780	1390	1010	660
10	Q	13960	12560	11170	9770	8380	6980	5580	4190	2790
	W	4000	3480	3000	2550	2120	1720	1340	980	630
7	Q	13000	11700	10400	9100	7800	6500	5200	3900	3000
	W	3890	3390	2930	2490	2070	1680	1310	950	740
5	Q	12090	10880	9670	8460	7250	6050	4840	3630	2420
	W	3690	3220	2780	2370	1970	1600	1250	910	590
2	Q	11110	10000	8890	7780	6670	5580	4340	3440	2440
	W	3540	3090	2670	2280	1900	1550	1170	910	670
0	Q	10460	9410	8370	7320	6280	5230	4210	3210	2210
	W	3430	3000	2600	2210	1850	1500	1170	910	670
-5	Q	8830	7950	7060	6180	5300	4980	4980	4980	4980
	W	3130	2750	2380	2040	1710	1590	1590	1590	1590
-7	Q	8180	7340	6540	5730	4910	4580	4580	4580	4580
	W	3000	2630	2290	1960	1640	1520	1520	1520	1520
-10	Q	7210	6490	5770	5050	4330	3960	3960	3960	3960
	W	2790	2450	2130	1830	1530	1390	1390	1390	1390
-15	Q	5580	5020	4460	3910	3350	2940	2940	2940	2940
	W	2370	2090	1820	1570	1320	1140	1140	1140	1140

Indoor unit: **RAV-HM1601FT-E/TR, RAV-HM801FT-E/TR × 2, RAV-HM561FT-E/TR × 3**
Outdoor unit: **RAV-GM1602AT8W-E/TR**

	Cooling		Heating	
	Capacity Q (W)	Power consumption W (W)	Capacity Q (W)	Power consumption W (W)
MINIMUM	3000	640	3000	740
RATING	14000	5220	16000	5650

Cooling

Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
46	Q	8760	8760	8060	7060	6470	6470	6470	6470	6470
	W	3380	3380	2920	2360	2070	2070	2070	2070	2070
43	Q	11170	10450	9290	8130	7100	7100	7100	7100	7100
	W	4670	4090	3280	2620	2130	2130	2130	2130	2130
40	Q	12910	11620	10330	9040	7750	7400	7400	7400	7400
	W	5510	4400	3510	2790	2190	2040	2040	2040	2040
35	Q	14000	12600	11200	9800	8400	7000	5600	4200	3000
	W	5220	4190	3360	2680	2110	1620	1210	850	640
30	Q	14510	13060	11610	10320	8710	7260	5800	4350	3400
	W	4600	3740	3030	2480	1930	1500	1120	790	590
25	Q	15090	13580	12070	10560	9050	7550	6630	4530	3550
	W	4170	3420	2790	2260	1800	1410	1150	750	560
20	Q	15510	13960	12410	10860	9310	7760	6200	4650	3140
	W	3770	3120	2570	2090	1680	1310	990	700	400

Heating

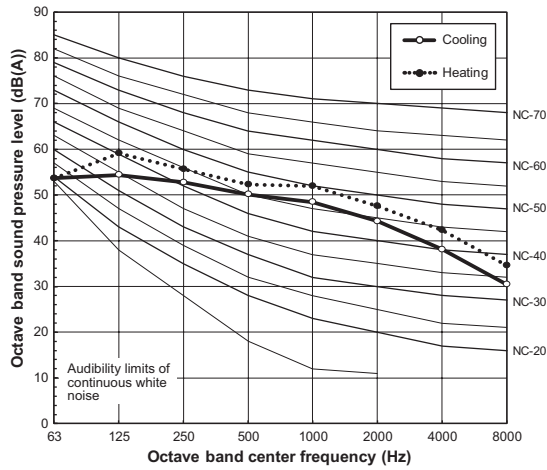
Outdoor temperature (°C)		Load (%)								
		100	90	80	70	60	50	40	30	20
15	Q	16940	16940	15280	13370	11460	9550	7640	5730	3820
	W	5000	5000	4340	3640	2990	2390	1840	1330	860
10	Q	16940	15250	13550	11860	10160	8470	6780	5080	3390
	W	5520	4750	4050	3400	2800	2250	1740	1260	810
7	Q	16000	14400	12800	11200	9600	8000	6400	4800	3000
	W	5650	4860	4140	3470	2860	2290	1770	1280	740
5	Q	15010	13510	12010	10510	9010	7510	6000	4500	3000
	W	5150	4450	3800	3200	2650	2130	1640	1190	770
2	Q	13820	12440	11060	9670	8290	6910	5580	4470	4470
	W	4890	4240	3630	3060	2530	2040	1590	1180	1180
0	Q	13030	11730	10420	9120	7820	6520	5210	5210	5210
	W	4720	4090	3500	2960	2450	1980	1530	1530	1530
-5	Q	11060	9950	8850	7740	6640	5530	4980	4980	4980
	W	4240	3680	3170	2690	2230	1810	1600	1600	1600
-7	Q	10270	9240	8220	7340	6160	5140	4580	4580	4580
	W	4030	3510	3030	2700	2130	1730	1520	1520	1520
-10	Q	9080	8170	7260	6360	5450	4540	3960	3960	3960
	W	3690	3230	2780	2370	1980	1600	1380	1380	1380
-15	Q	7100	6390	5680	4970	4260	3550	2940	2940	2940
	W	3080	2700	2340	2000	1680	1370	1110	1110	1110

2-8. Sound data

2-8-1. NC curve

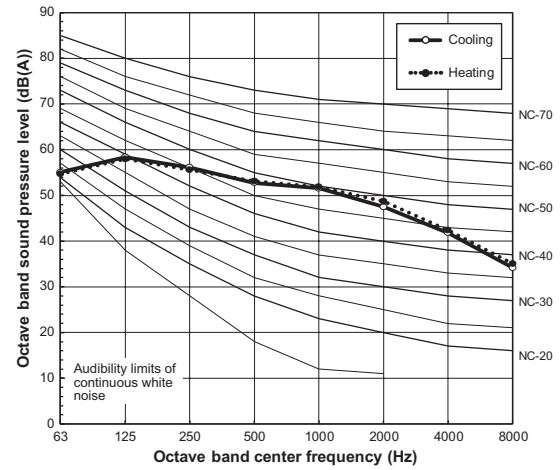
RAV-GP1102AT8W-E/TR

Sound pressure level (dB(A))	Cooling	Heating
	53	56



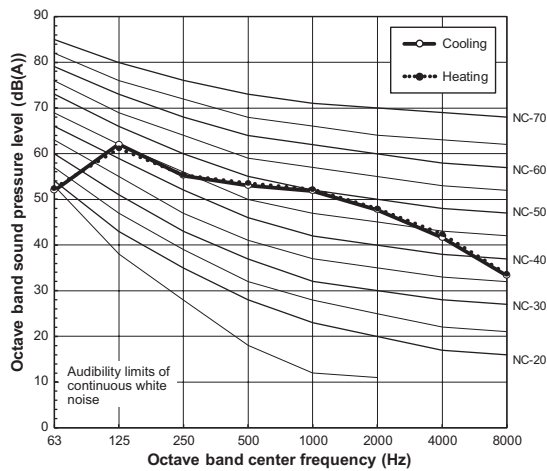
RAV-GP1402AT8W-E/TR

Sound pressure level (dB(A))	Cooling	Heating
	56	56



RAV-GP1602AT8W-E/TR

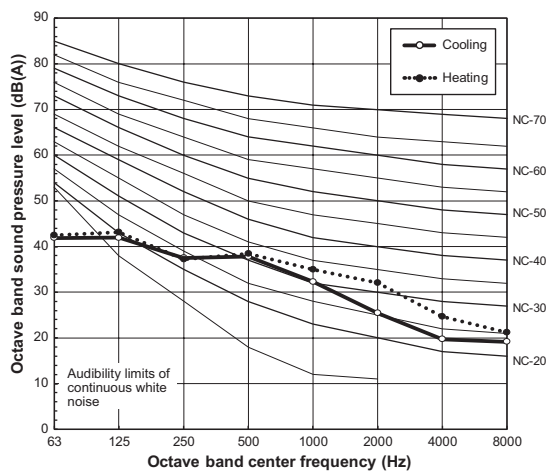
Sound pressure level (dB(A))	Cooling	Heating
	57	56



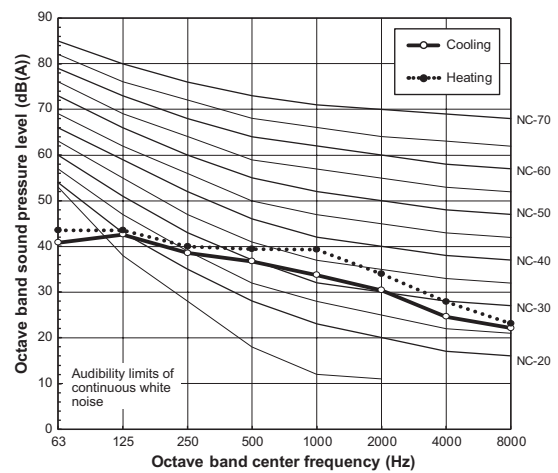
Night operation

RAV-GP1102AT8W-E/TR

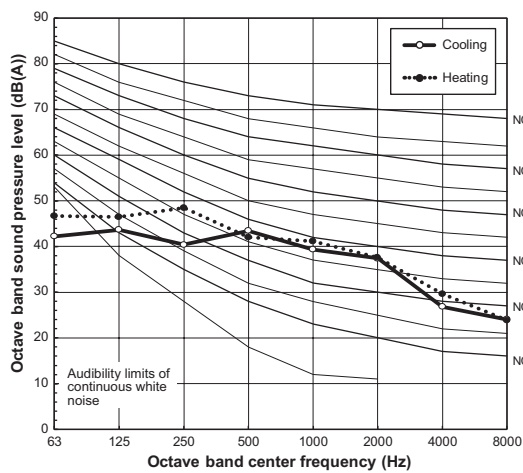
LEVEL 1



LEVEL 2

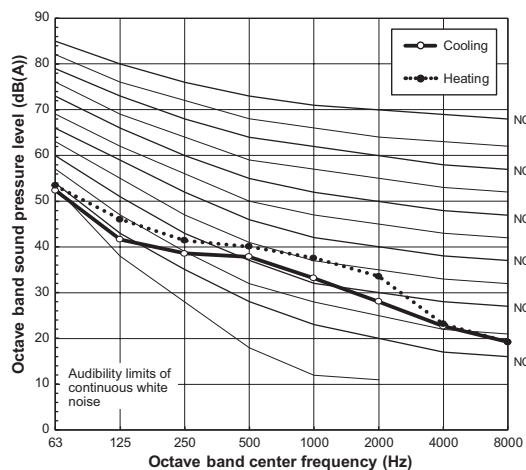


LEVEL 3

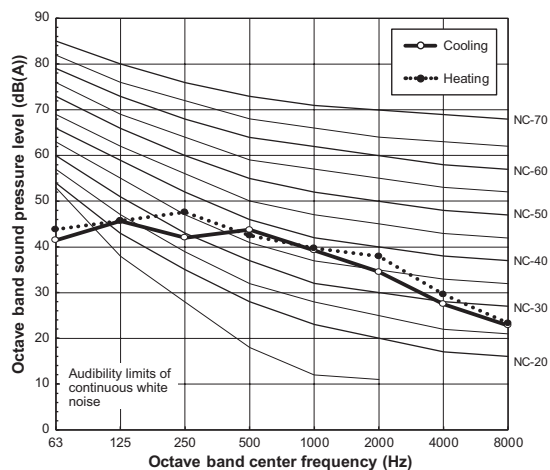


RAV-GP1402AT8W-E/TR

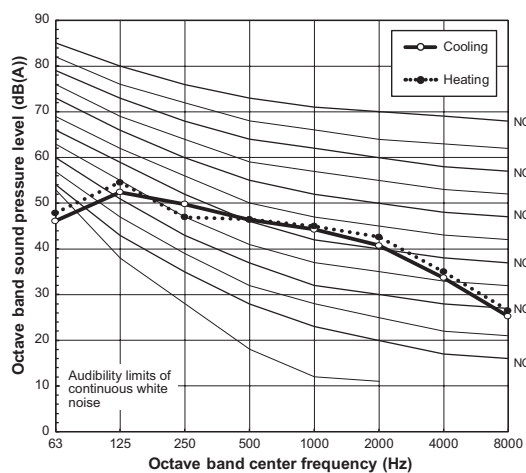
LEVEL 1



LEVEL 2

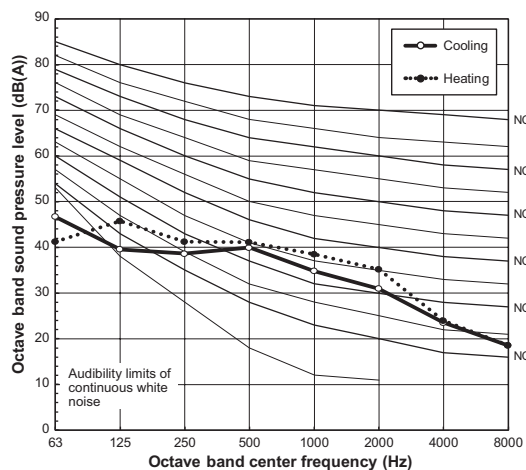


LEVEL 3

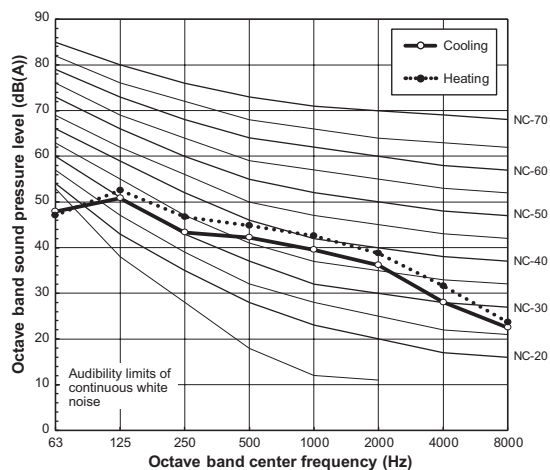


RAV-GP1602AT8W-E/TR

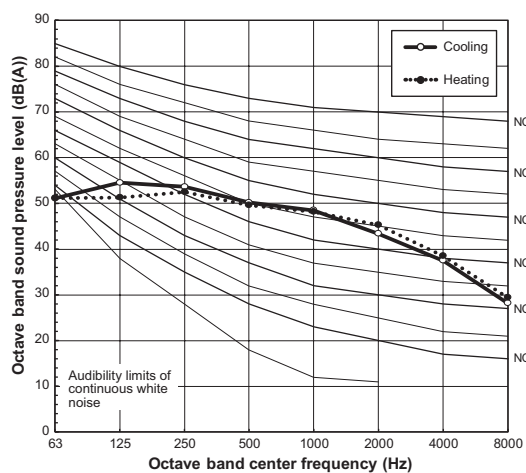
LEVEL 1



LEVEL 2



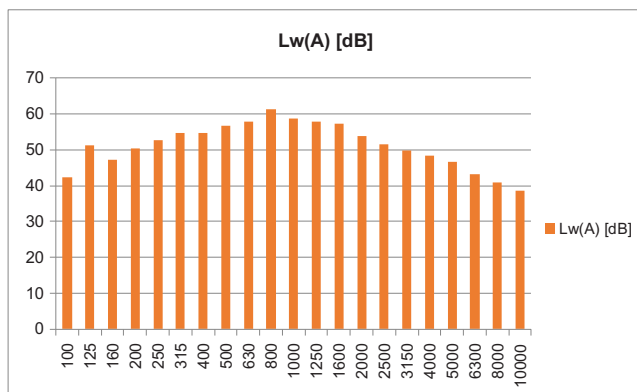
LEVEL 3



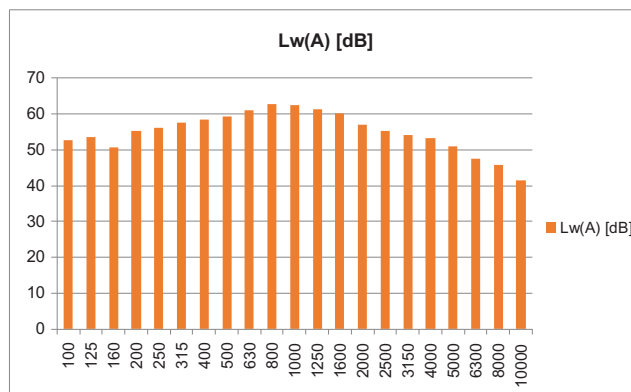
2-8-2. Sound power spectrum

RAV-GM1102AT8W-E/TR

Cooling

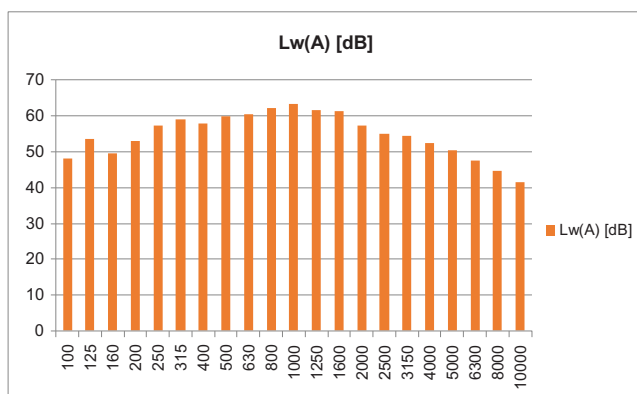


Heating

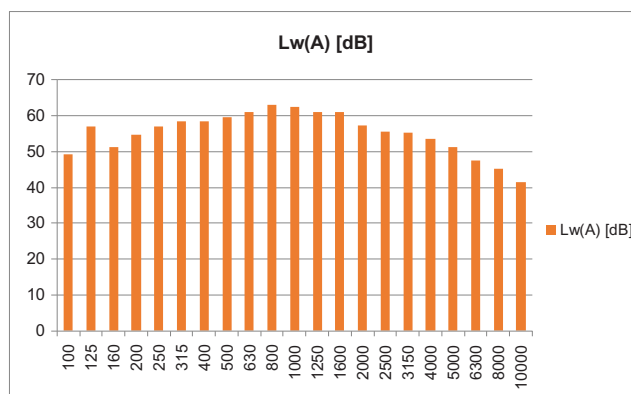


RAV-GM1402AT8W-E/TR

Cooling

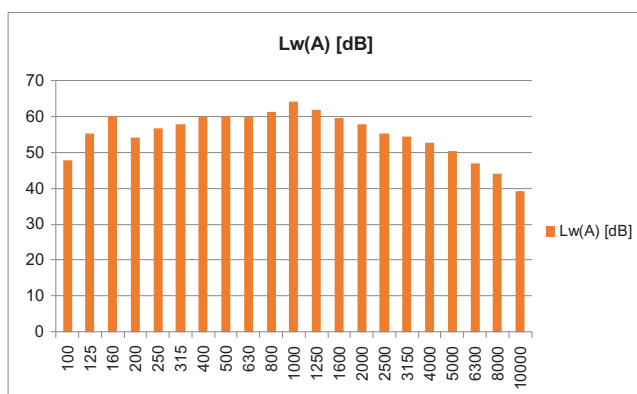


Heating

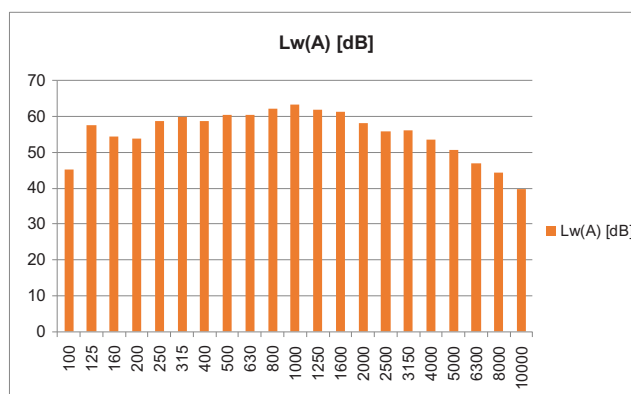


RAV-GM1602AT8W-E/TR

Cooling

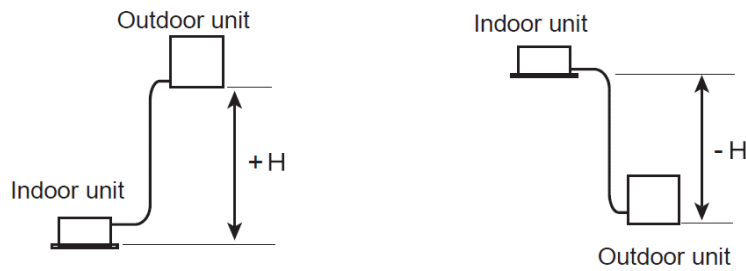


Heating

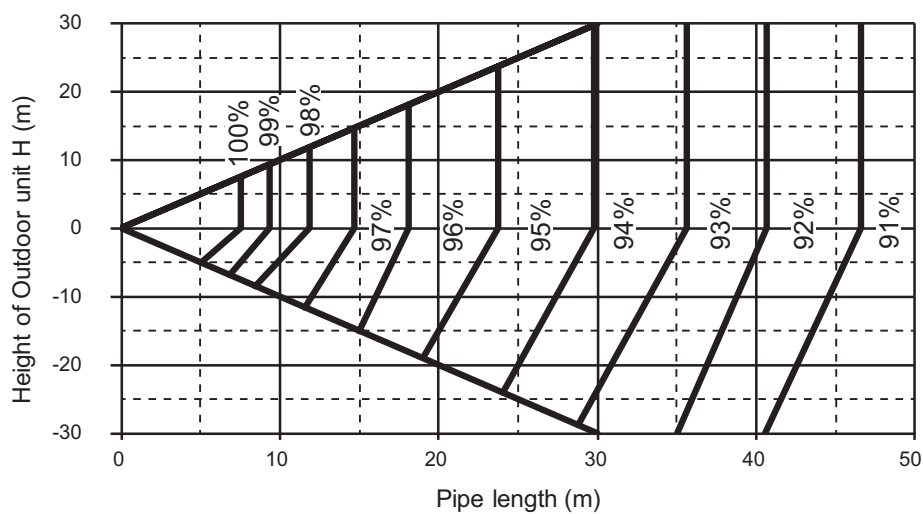


2-9. Pipe capacity correction

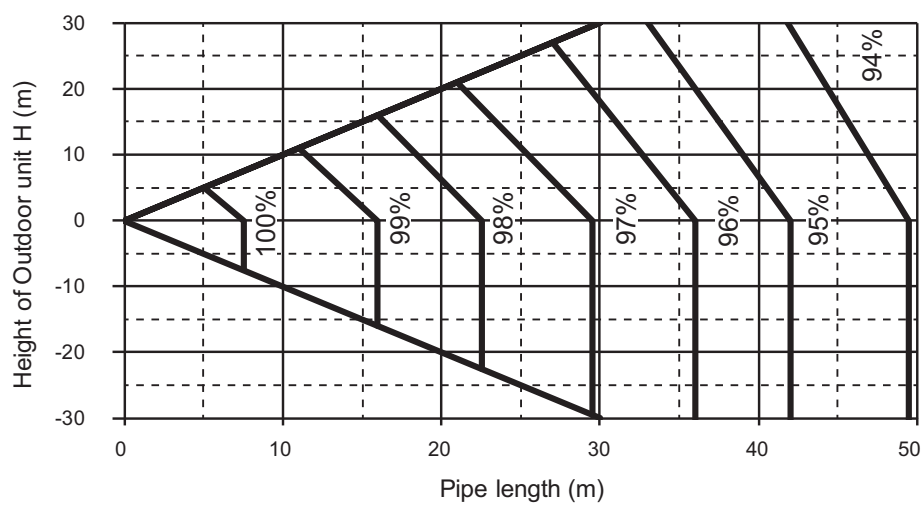
Connecting pipe length and lift difference between indoor units vs. capacity correction value



Cooling



Heating



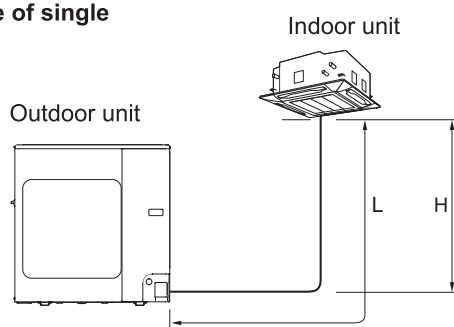
2-10. Refrigerant pipe length

Single

Outdoor unit	Allowable pipe length (m)		Height difference (m)	
	Total length L		Indoor-outdoor H	
	Minimum	Maximum	Indoor unit: Upper	Outdoor unit: Upper
GM110, GM140, GM160	5	50	30	30

Outdoor unit	Pipe diameter (mm)		Number of bent portions
	Gas side	Liquid side	
GM110, GM140, GM160	15.9	9.5	10 or less

Figure of single

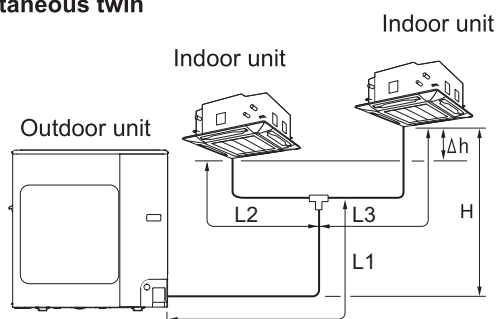


Simultaneous twin

Outdoor unit	Allowable pipe length (m)			Height difference (m)		
	Total length · L1 + L2 · L1 + L3 Maximum	Branch piping · L2 · L3 Maximum	Branch piping · L3 - L2 Maximum	Indoor-outdoor H		Indoor-indoor (Δh)
				Indoor unit: Upper	Outdoor unit: Upper	
GM110, GM140, GM160	50	15	10	30	30	0.5

Outdoor unit	Pipe diameter (mm)				Number of bent portions
	Main pipe		Branch piping		
	Gas side	Liquid side	Gas side	Liquid side	
GM110	15.9	9.5	12.7	6.4	10 or less
GM140, GM160	15.9	9.5	15.9	9.5	10 or less

Figure of simultaneous twin

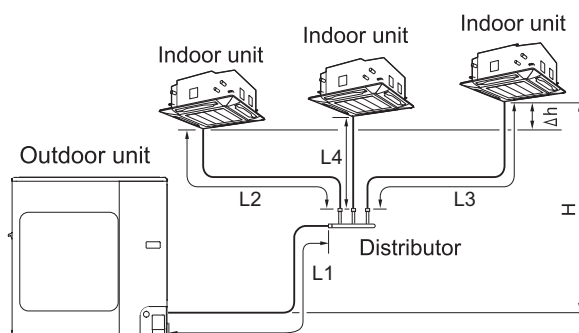


Simultaneous triple

Outdoor unit	Allowable pipe length (m)			Height difference (m)		
	Total length · L1 + L2 · L1 + L3 · L1 + L4 Maximum	Branch piping · L2 · L3 · L4 Maximum	Branch piping · L3 - L2 · L4 - L2 · L4 - L3 Maximum	Indoor-outdoor H		Indoor-indoor (Δh)
				Indoor unit: Upper	Outdoor unit: Upper	
GM160	50	15	10	30	30	0.5

Outdoor unit	Pipe diameter (mm)				Number of bent portions
	Main pipe		Branch piping		
	Gas side	Liquid side	Gas side	Liquid side	
GM160	15.9	9.5	12.7	6.4	10 or less

Figure of Simultaneous triple



2-11. Optional accessories (for outdoor unit)

Type	Model name	Feature
Branch kit	RBC-TWP30E2	Twin-branch kit (2HP + 2HP)
Branch kit	RBC-TWP50E2	Twin-branch kit (3HP + 3HP)
Branch kit	RBC-TRP100E	Triple-branch kit (2HP + 2HP + 2HP)
Application control kit	TCB-PCOS1E2	Night operation, Demand control

3 Indoor unit

3-1.	4-way cassette type	68
3-2.	Compact 4-way cassette type	82
3-3.	Ducted type	87
3-4.	Ceiling type.	95
3-5.	High wall type.	104
3-6.	Floor standing type.	114

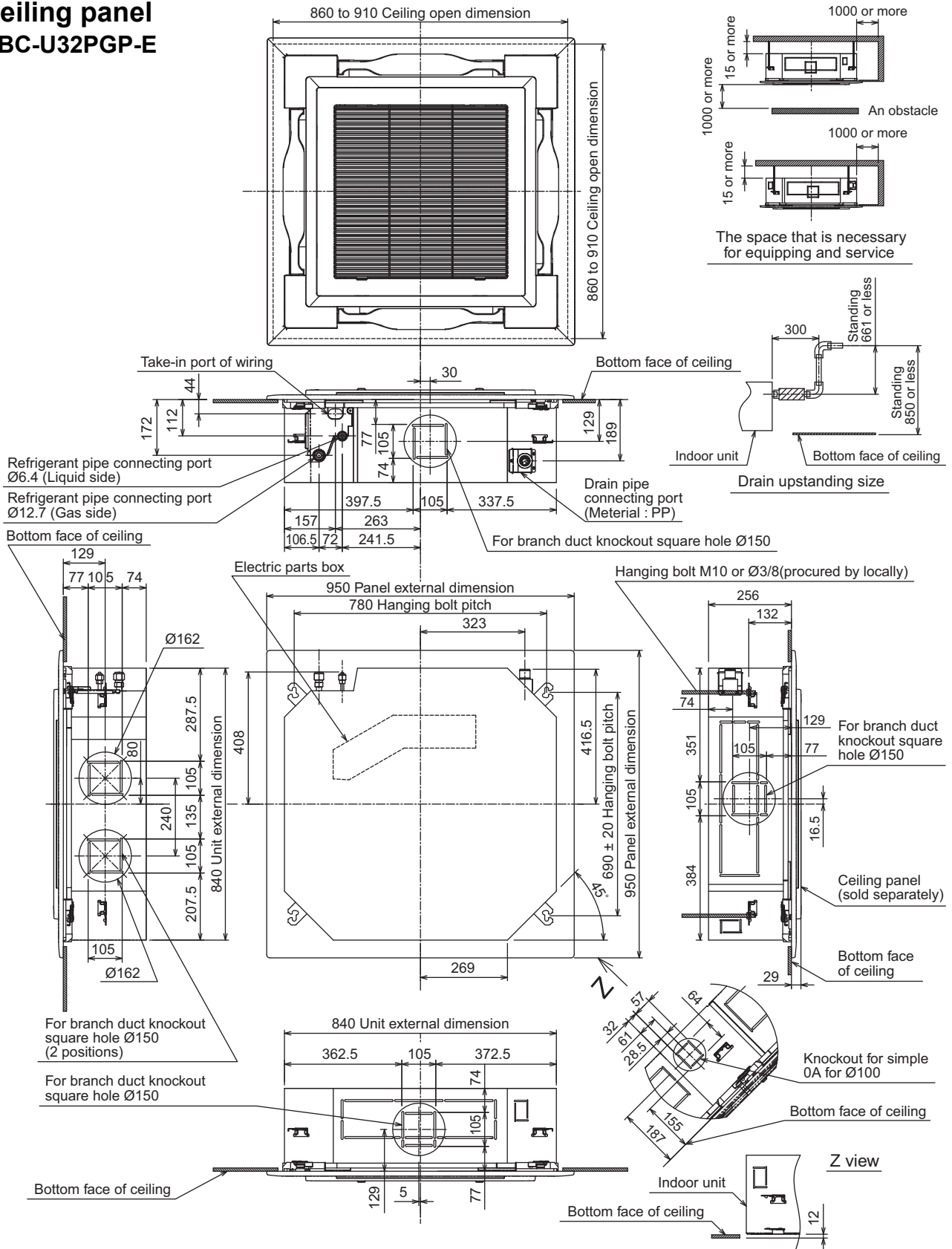
3-1. 4-way cassette type

3-1-1. Dimension.	69
3-1-2. Wiring diagrams	75
3-1-3. Air throw distance chart	76
3-1-4. Sound data	78
3-1-5. Option parts	81

3-1-1. Dimension

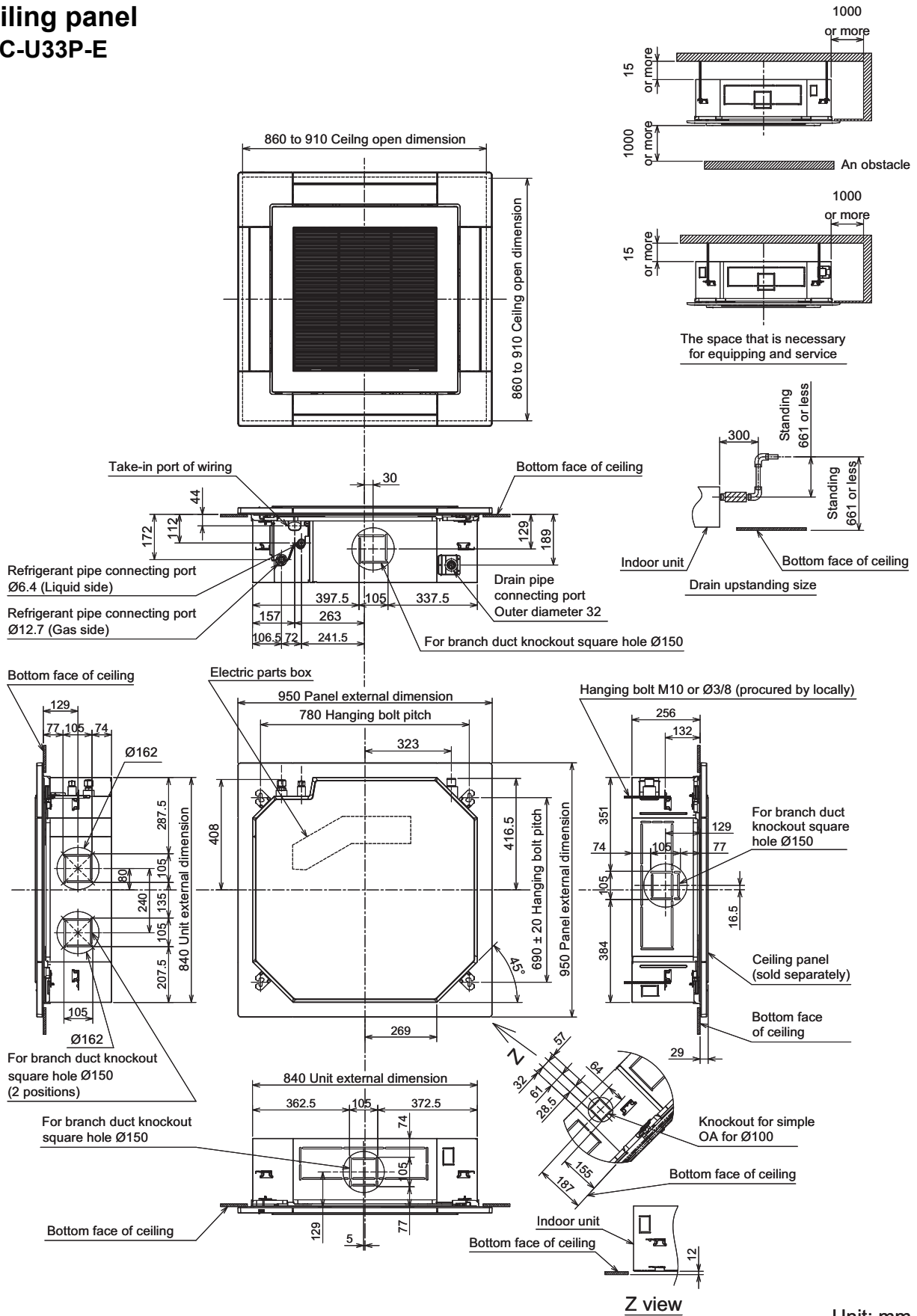
RAV-HM561UTP-E/TR

Ceiling panel
RBC-U32PGP-E



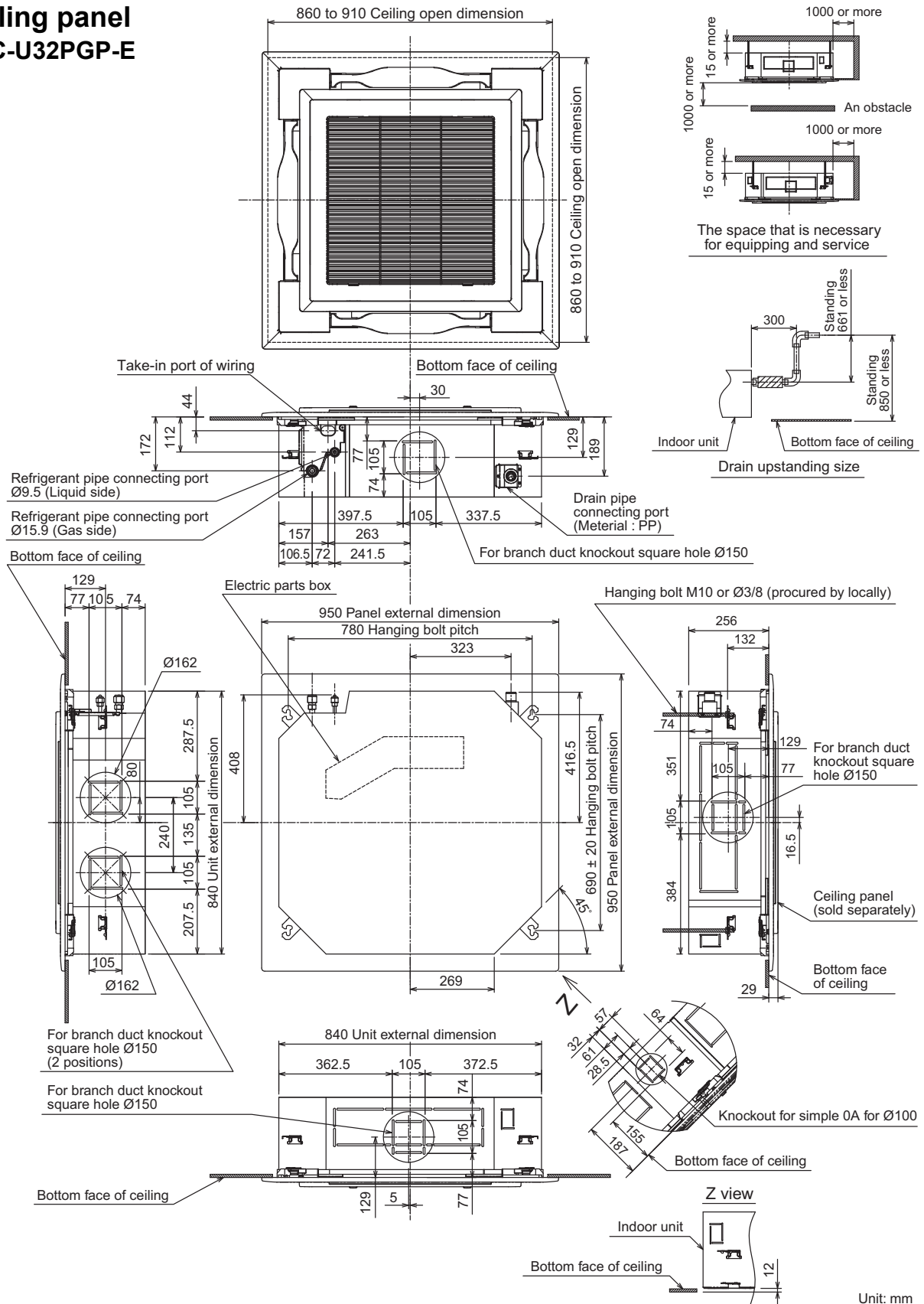
Unit: mm

Ceiling panel RBC-U33P-E



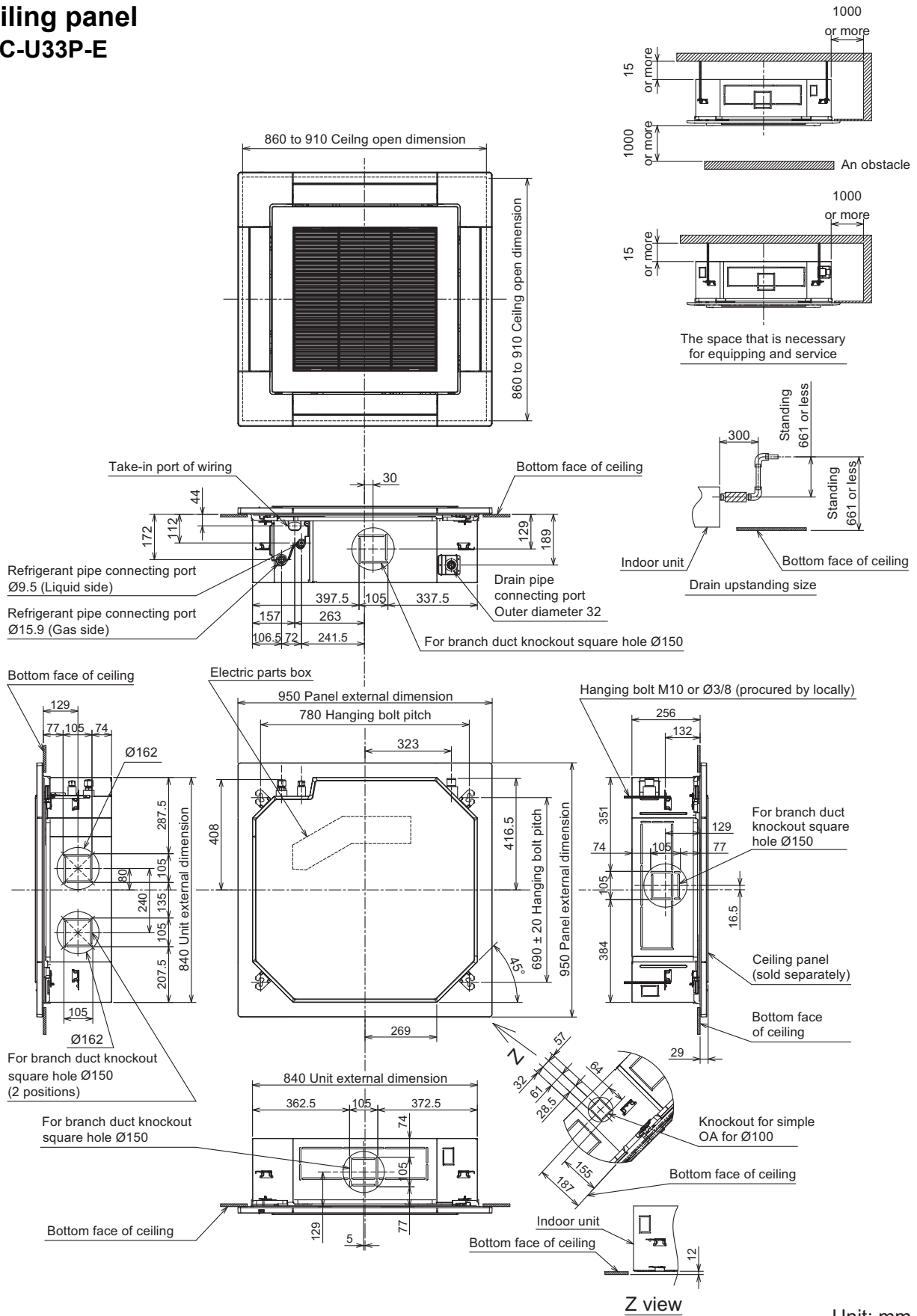
Unit: mm

Ceiling panel RBC-U32PGP-E



Unit: mm

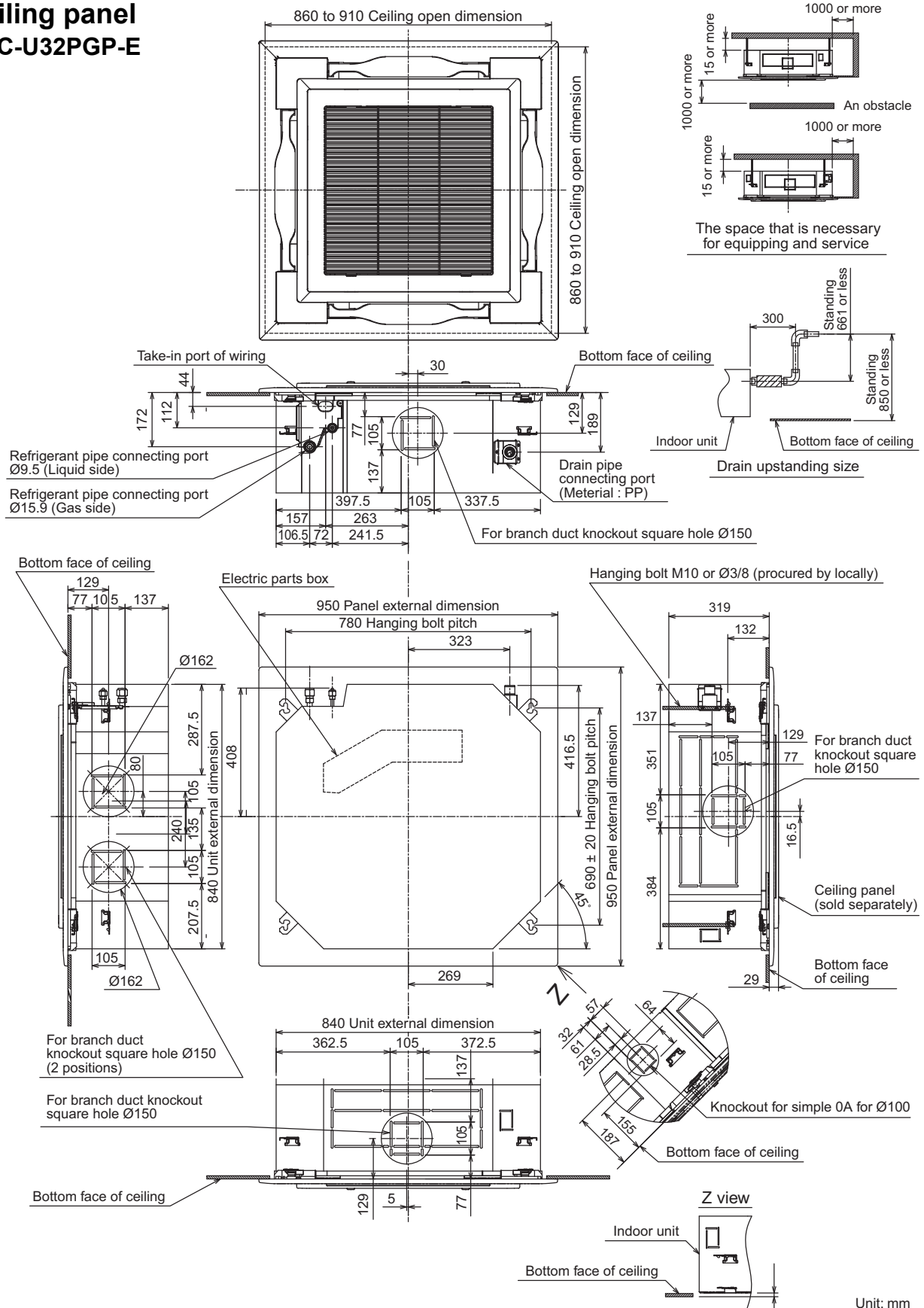
Ceiling panel RBC-U33P-E



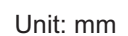
Unit: mm

RAV-HM1101UTP-E/TR, RAV-HM1401UTP-E/TR

Ceiling panel RBC-U32PGP-E

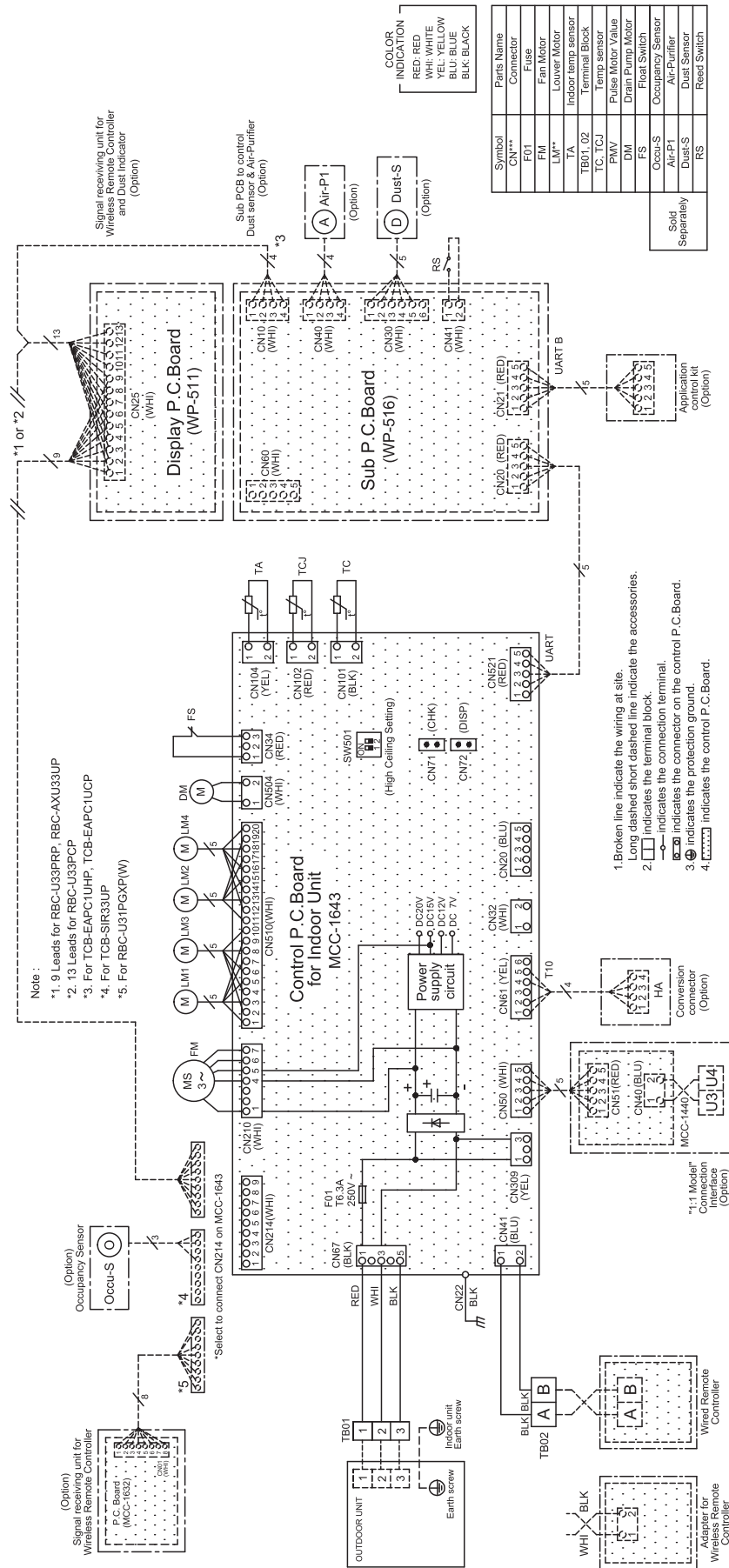


Ceiling panel
RBC-U33P-E



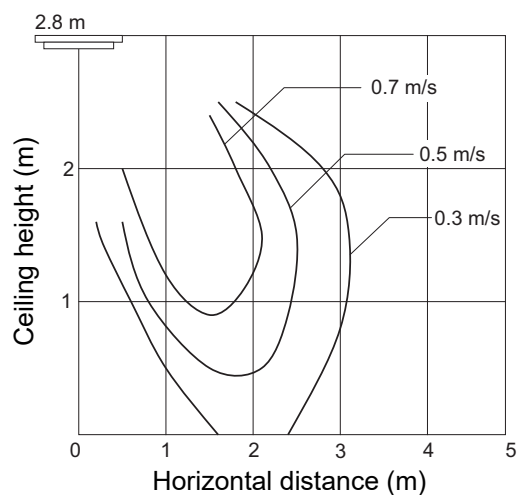
3-1-2. Wiring diagrams

RAV-HM561UTP-E/TR, RAV-HM801UTP-E/TR, RAV-HM1101UTP-E/TR, RAV-HM1401UTP-E/TR

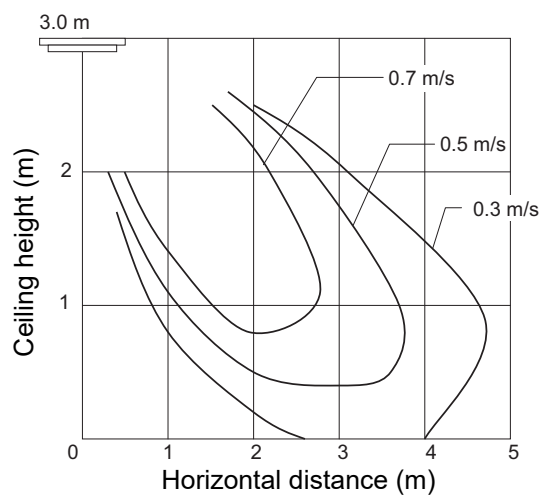


3-1-3. Air throw distance chart

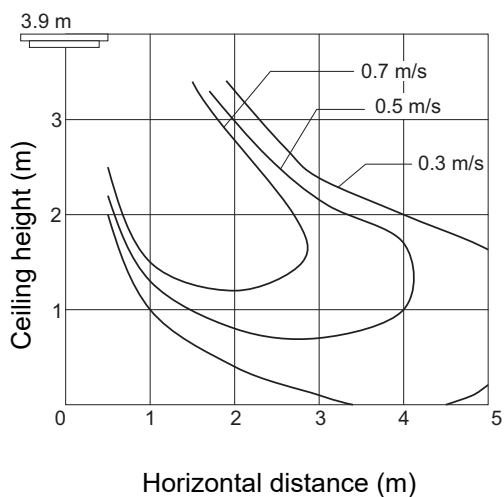
RAV-HM561UTP-E/TR



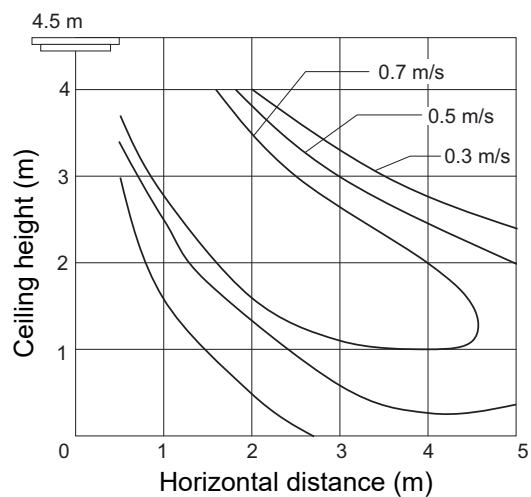
RAV-HM801UTP-E/TR



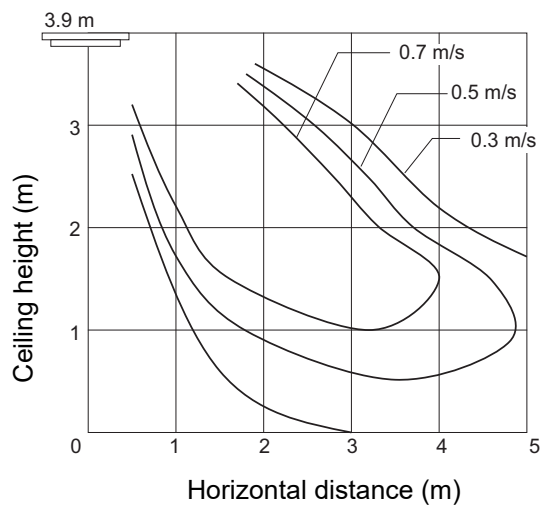
RAV-HM1101UTP-E/TR



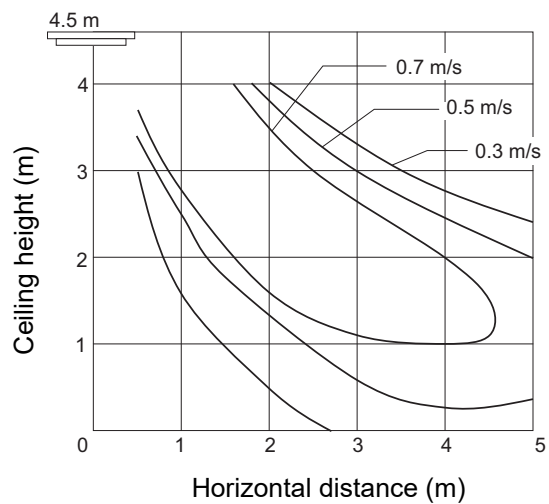
RAV-HM1101UTP-E/TR (High ceiling)



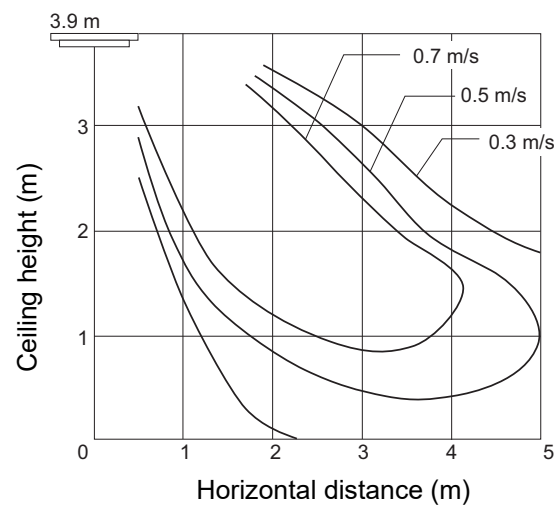
RAV-HM1401UTP-E/TR



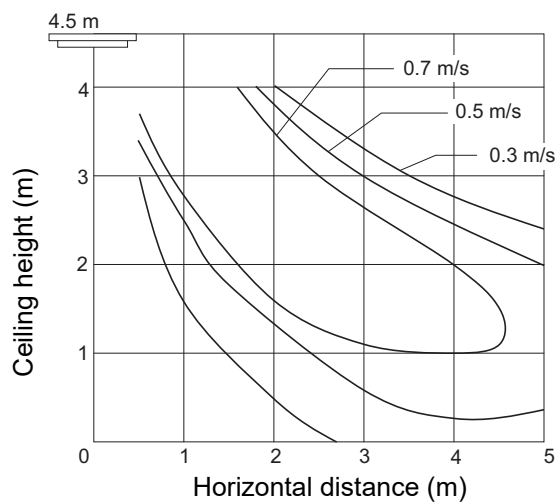
RAV-HM1401UTP-E/TR (High ceiling)



RAV-HM1601UTP-E/TR

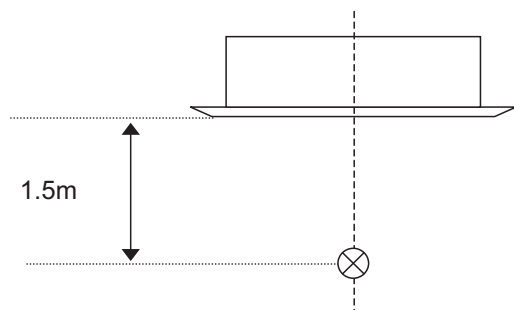


RAV-HM1601UTP-E/TR (High ceiling)



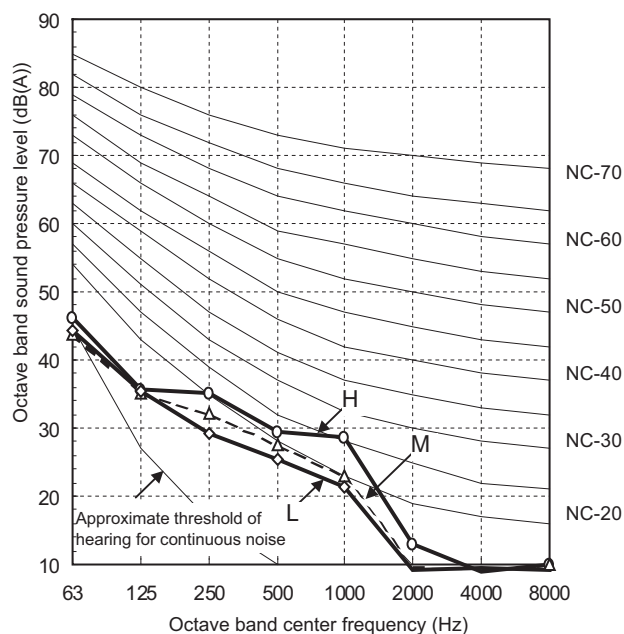
3-1-4. Sound data

NC curve



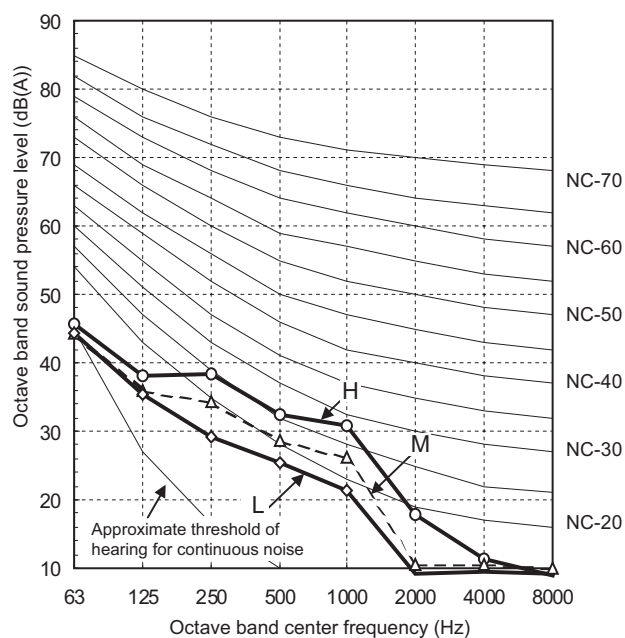
RAV-HM561UTP-E/TR

Fan tap	H	M	L
Sound pressure level (dB(A))	32	29	28



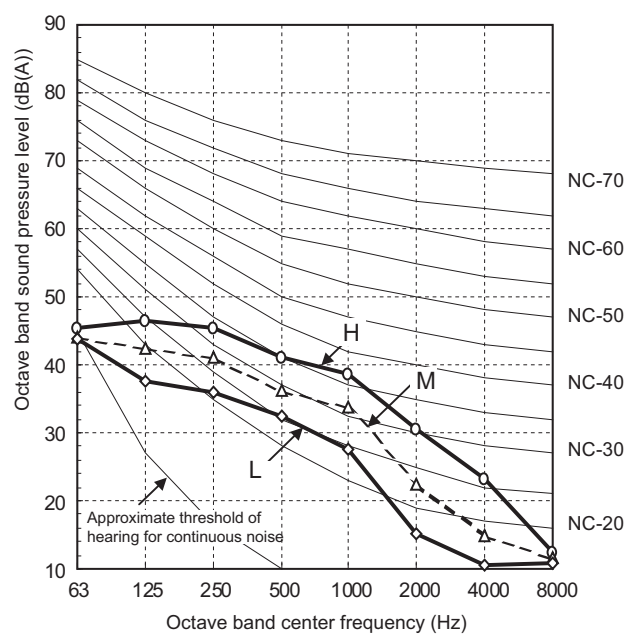
RAV-HM801UTP-E/TR

Fan tap	H	M	L
Sound pressure level (dB(A))	35	31	28



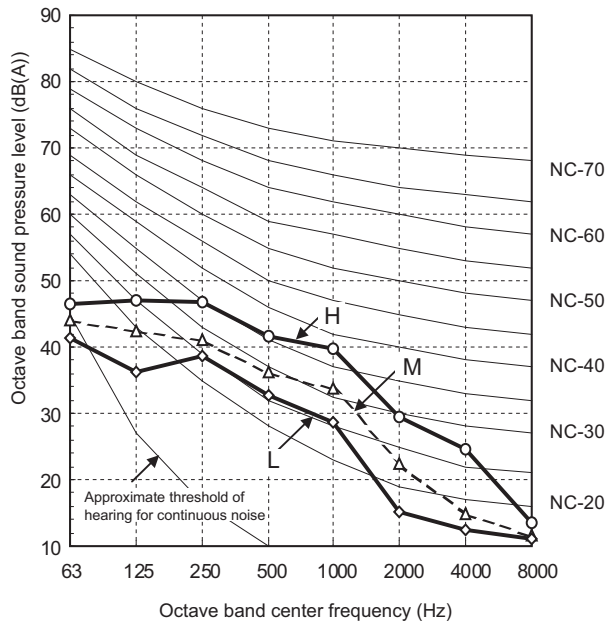
RAV-HM1101UTP-E/TR

Fan tap	H	M	L
Sound pressure level (dB(A))	43	38	33



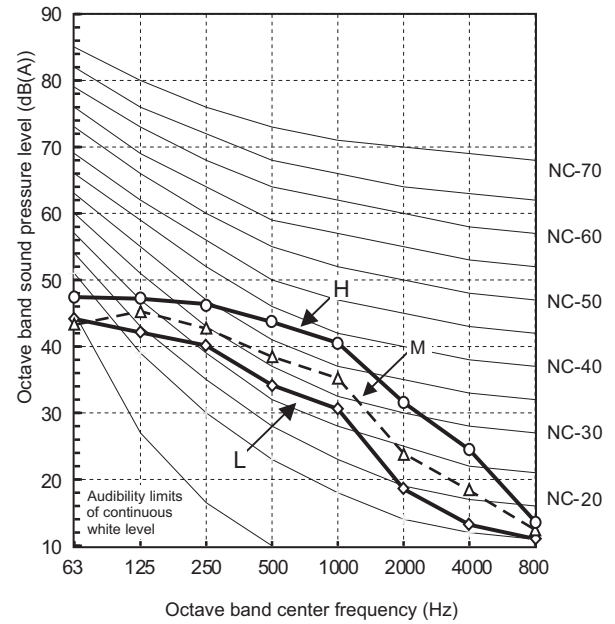
RAV-HM1401UTP-E/TR

Fan tap	H	M	L
Sound pressure level (dB(A))	44	38	34



RAV-HM1601UTP-E/TR

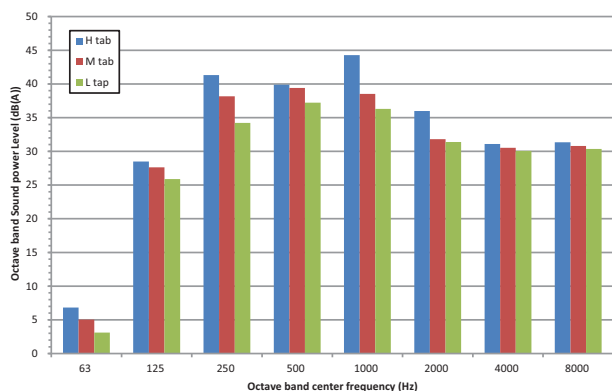
Fan tap	H	M	L
Sound pressure level (dB(A))	45	40	36



Sound power spectrum

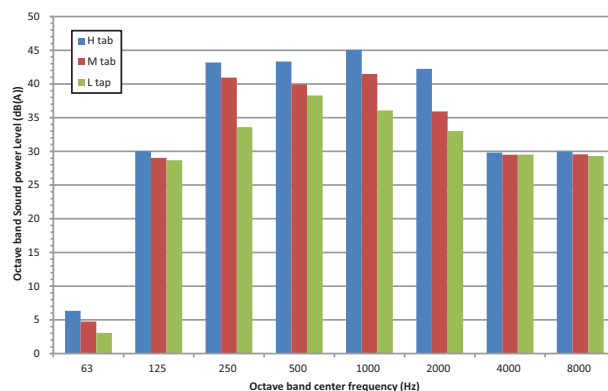
RAV-HM561UTP-E/TR

Fan Tap	H	M	L
Sound power level (dB(A))	47	44	43



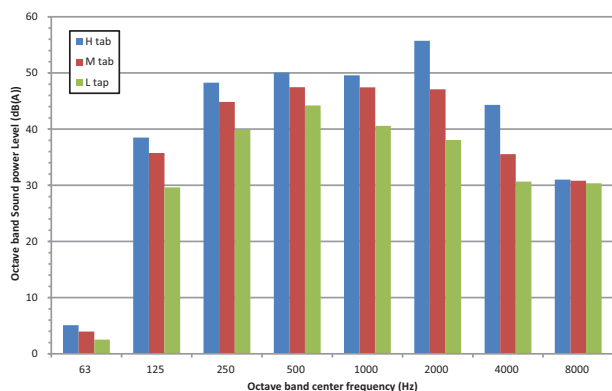
RAV-HM801UTP-E/TR

Fan Tap	H	M	L
Sound power level (dB(A))	50	46	43



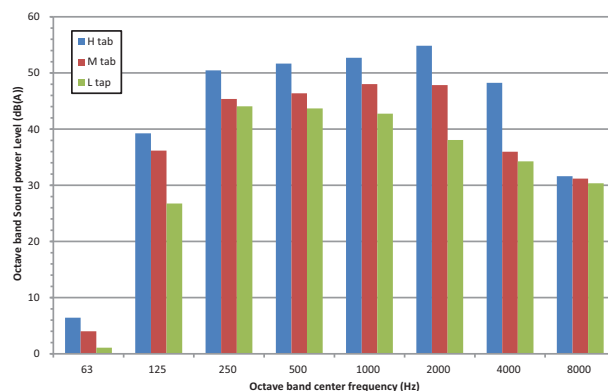
RAV-HM1101UTP-E/TR

Fan Tap	H	M	L
Sound power level (dB(A))	58	53	48



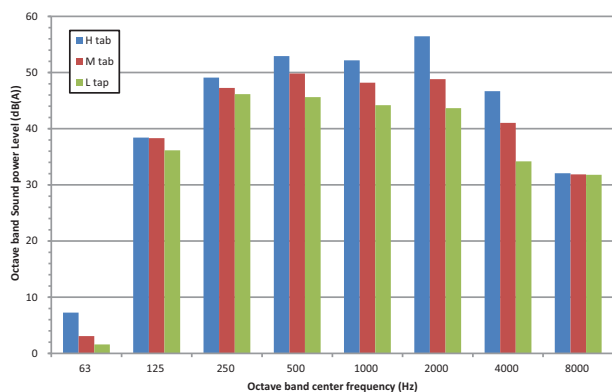
RAV-HM1401UTP-E/TR

Fan Tap	H	M	L
Sound power level (dB(A))	59	53	49



RAV-HM1601UTP-E/TR

Fan Tap	H	M	L
Sound power level (dB(A))	60	55	51



3-1-5. Option parts

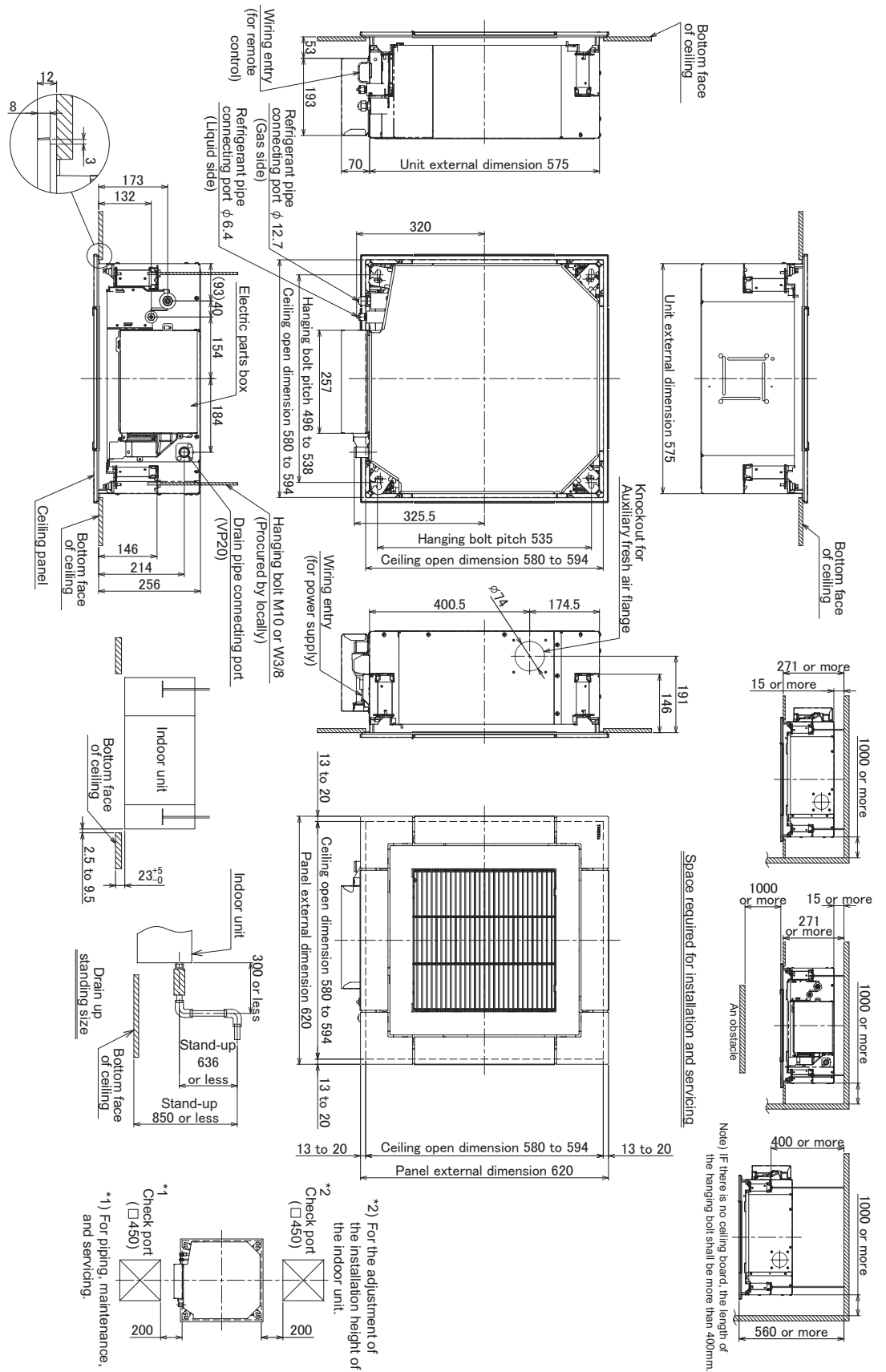
No.	Type	Model name	Qty / unit	Note
1	Ceiling Panel (wide - flow louver)	RBC-U32PGP-E	1	4-way cassette panel without receiver
2	Ceiling Panel (wide - flow louver)	RBC-U33P-E	1	New 4-way cassette panel without receiver
3	PM2.5 filter for 4-way cassette	TCB-PLFC1UPE-120	1	Before Pre-Filter type
4	PM2.5 filter for 4-way cassette	TCB-PLFC2UPE-80	1	After Pre-Filter type

3-2. Compact 4-way cassette type

3-2-1. Dimension.	83
3-2-2. Wiring diagrams	84
3-2-3. Air throw distance chart	85
3-2-4. Sound data	86

3-2-1. Dimension

RAV-HM561MUT-E/TR

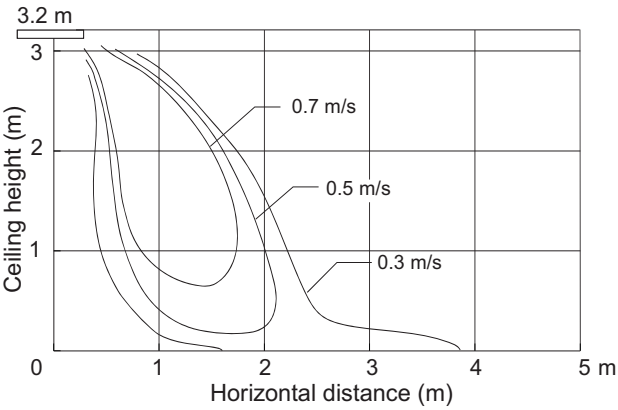


(Unit: mm)

RAV-HM561MUT-E/TR

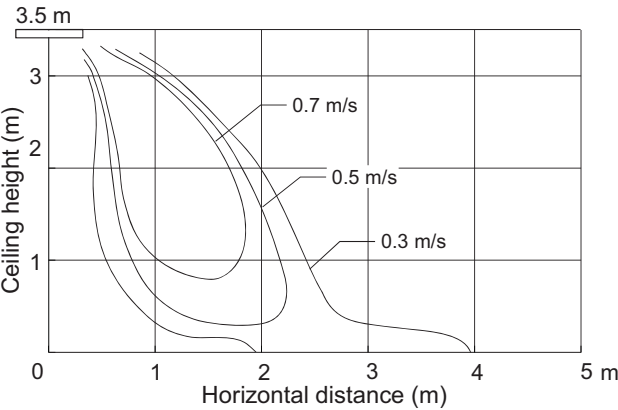
3-2-3. Air throw distance chart

RAV-HM561MUT-E/TR



RAV-HM561MUT-E/TR

(High ceiling)

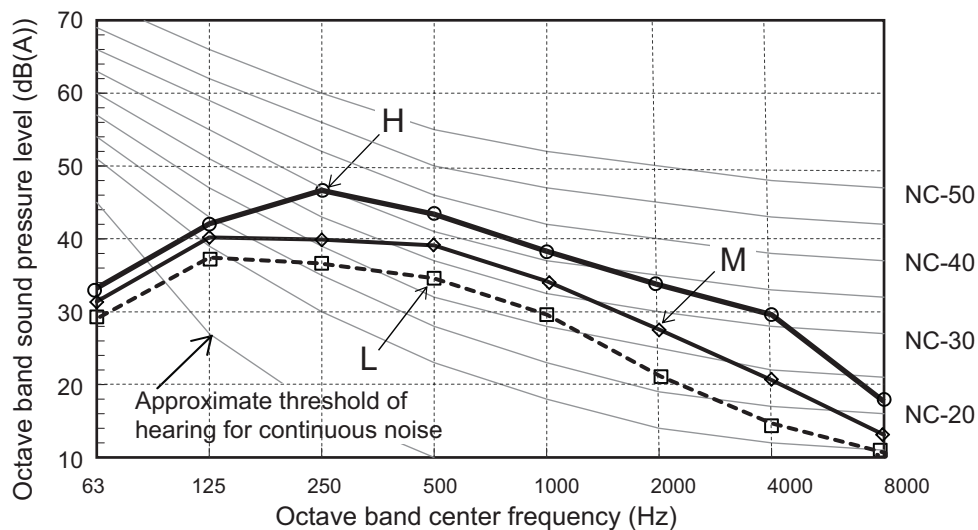


3-2-4. Sound data

NC curve

RAV-HM561MUT-E/TR

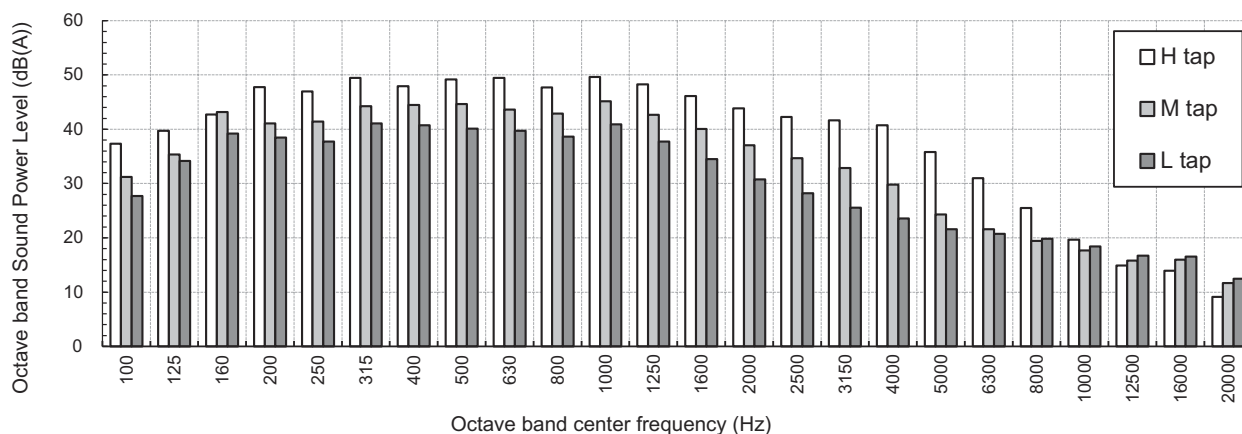
Fan tap	H	M	L
Sound pressure level (dB(A))	44	39	35



Sound power spectrum

RAV-HM561MUT-E/TR

Fan tap	H	M	L
Sound power level (dB(A))	59	54	50

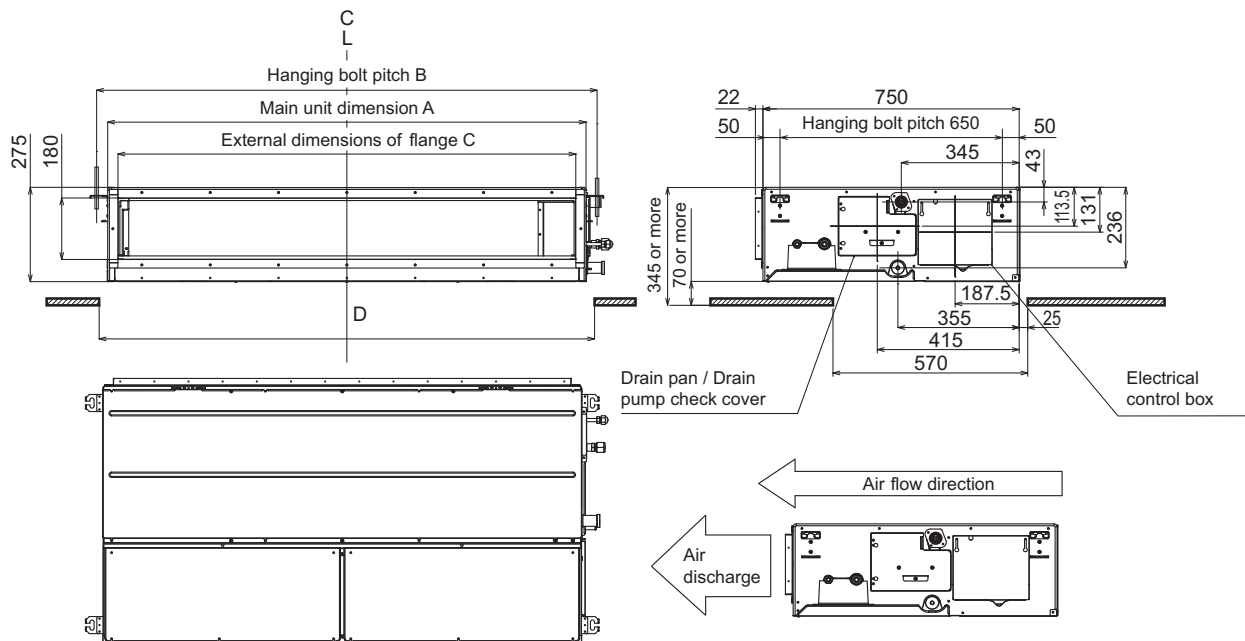


3-3. Ducted type

3-3-1. Dimension.	88
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3-3-3. Fan characteristics	91
3-3-4. Sound data	92

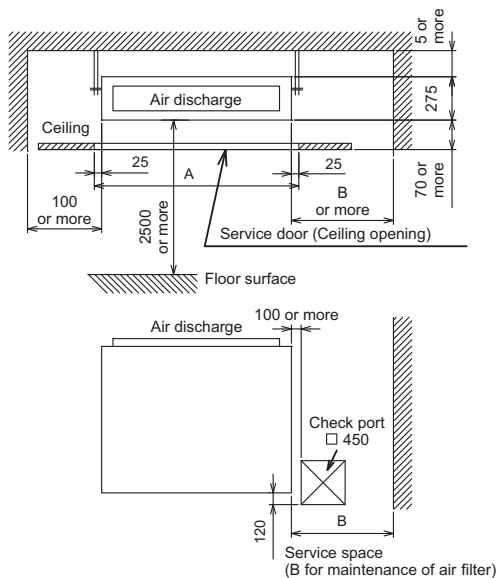
3-3-1. Dimension

RAV-HM561BTP-E/TR, RAV-HM801BTP-E/TR, RAV-HM1101BTP-E/TR,
RAV-HM1401BTP-E/TR, RAV-HM1601BTP-E/TR

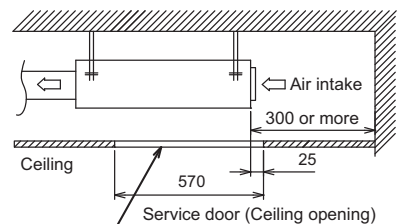
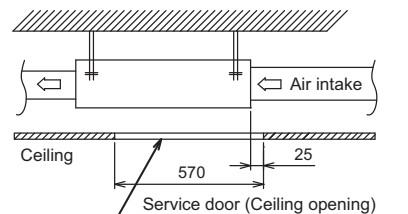
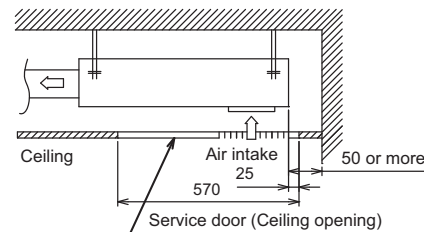


▼ Dimension

Model	A	B	C	D
HM56 type	700	765	640	750
HM80 type	1000	1005	940	1050
HM110, HM140, HM160 type	1400	1465	1340	1450



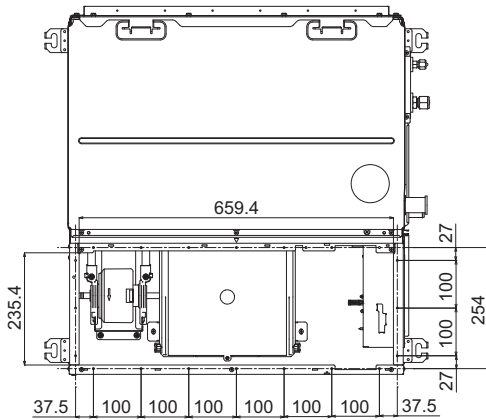
Model	A	B
HM56 type	750	700
HM80 type	1050	500
HM110, HM140, HM160 type	1450	700



(Unit: mm)

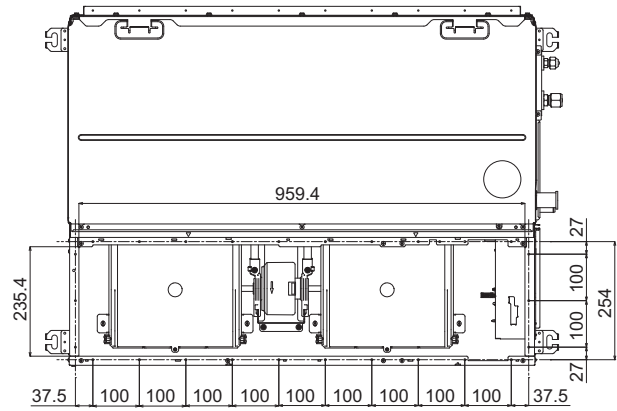
HM56 type

<Under air intake>

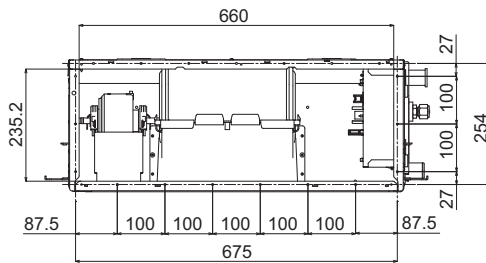


HM80 type

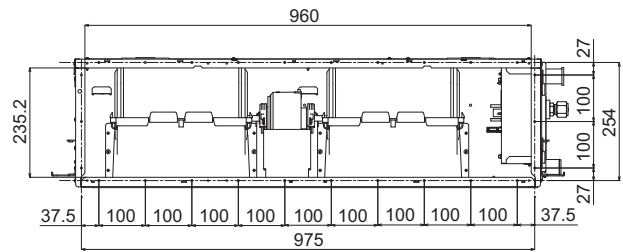
<Under air intake>



<Back air intake>

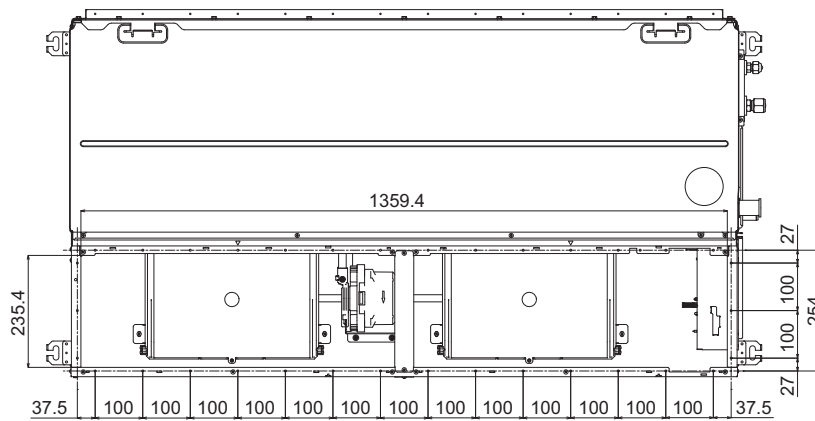


<Back air intake>

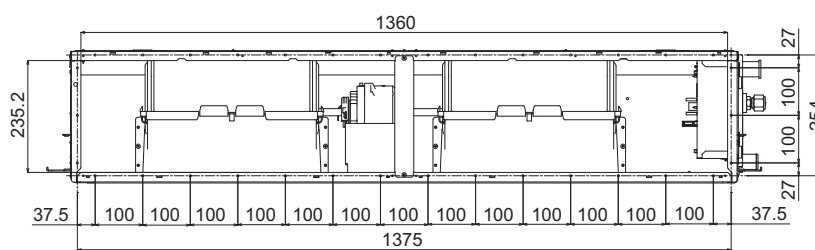


HM110, HM140, HM160 type

<Under air intake>



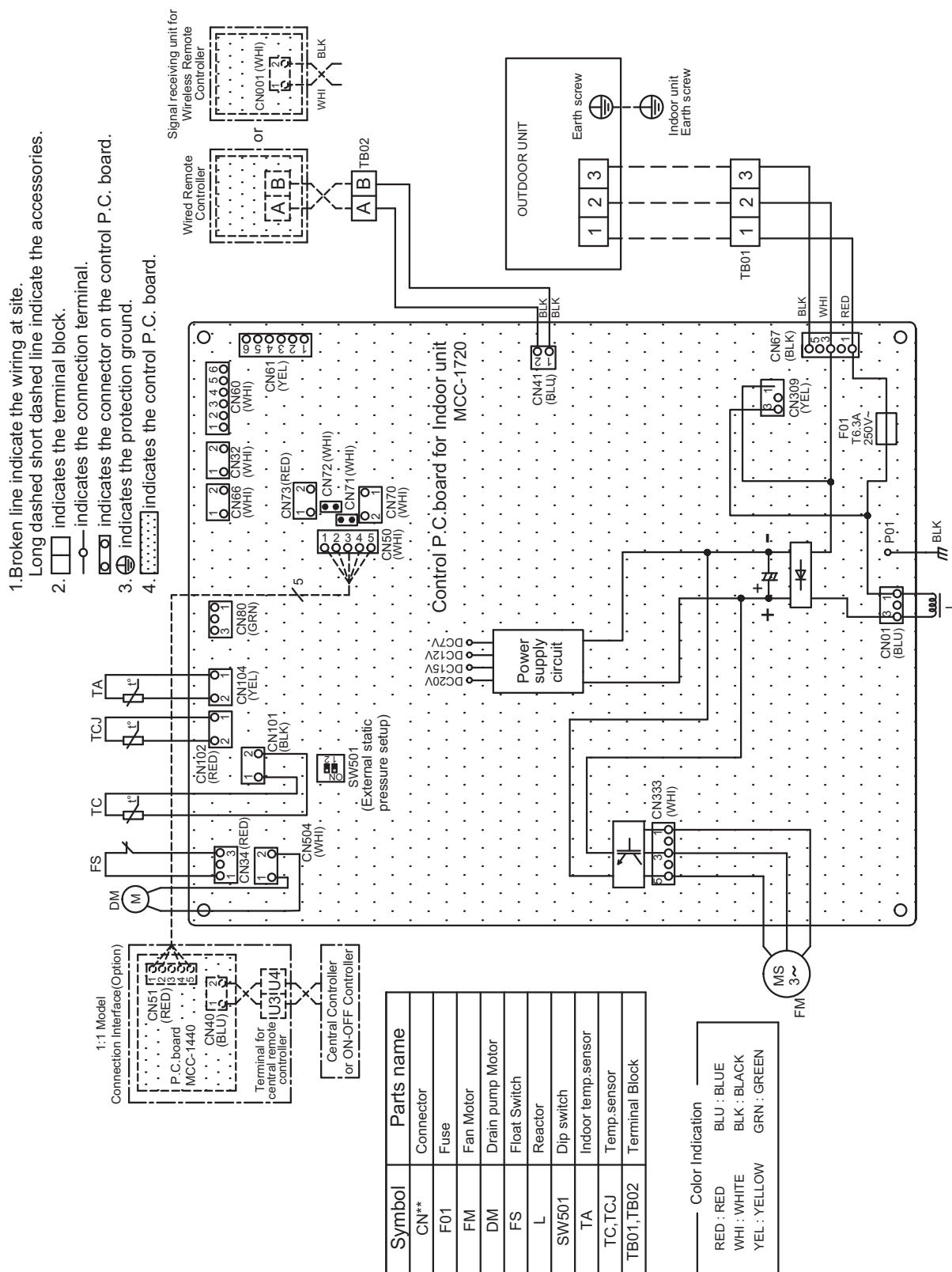
<Back air intake>



(Unit: mm)

3-3-2. Wiring diagrams

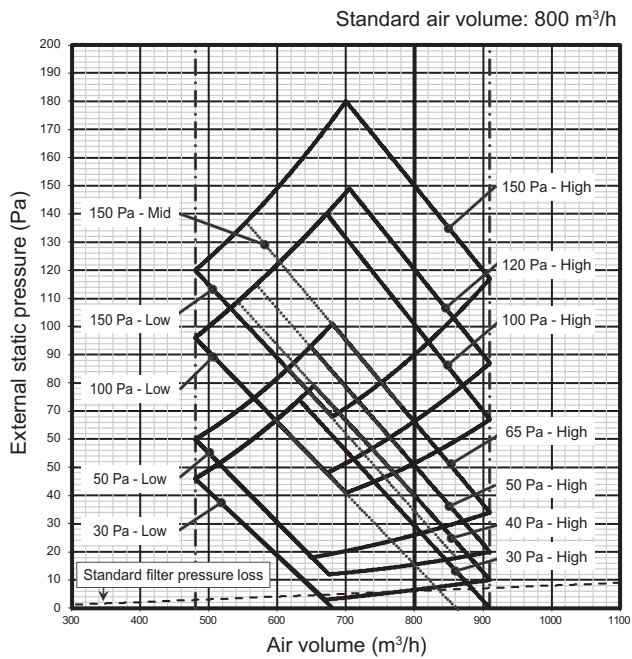
RAV-HM561BTP-E/TR, RAV-HM801BTP-E/TR, RAV-HM1101BTP-E/TR,
RAV-HM1401BTP-E/TR, RAV-HM1601BTP-E/TR



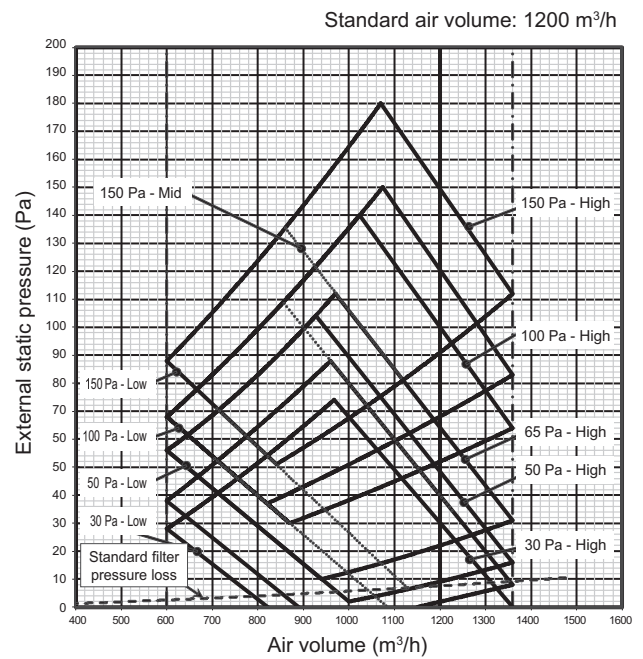
3-3-3. Fan characteristics

RAV-HM561BTP-E/TR, RAV-HM801BTP-E/TR, RAV-HM1101BTP-E/TR,
RAV-HM1401BTP-E/TR, RAV-HM1601BTP-E/TR

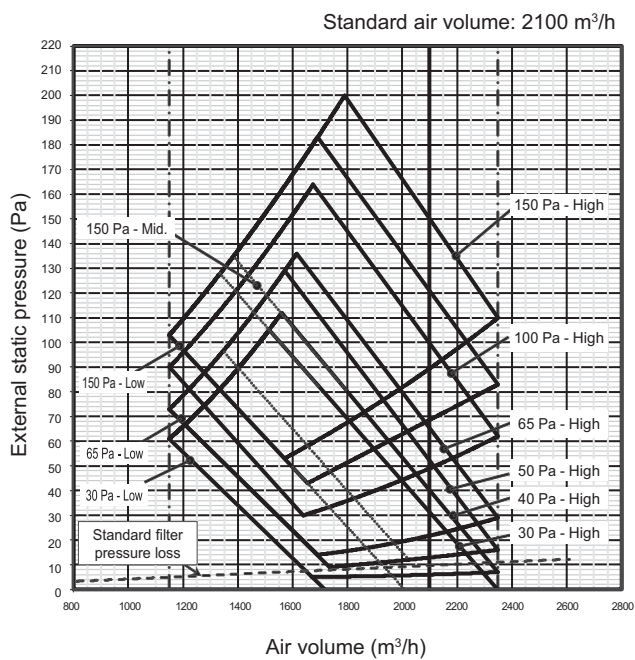
HM56



HM80



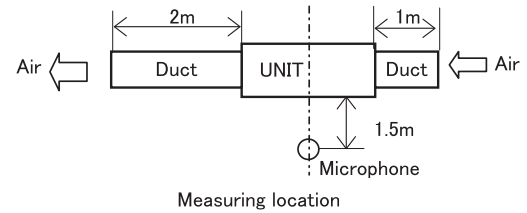
HM110, 140, 160



3-3-4. Sound data

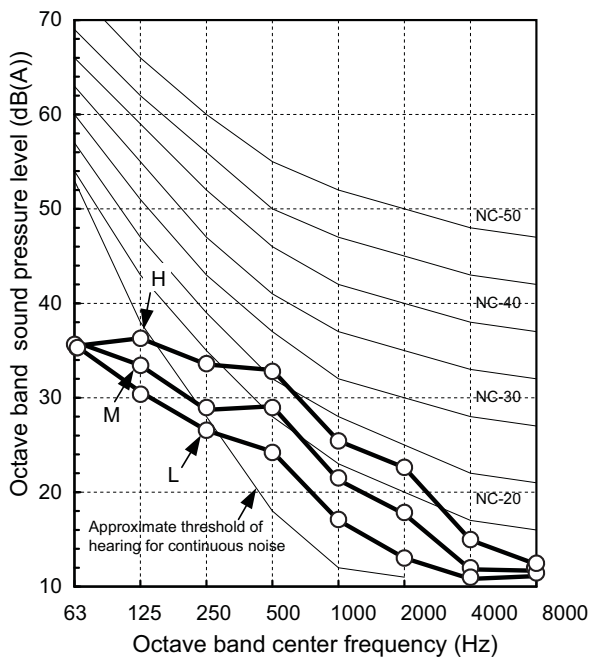
NC curve

RAV-HM561BTP-E/TR



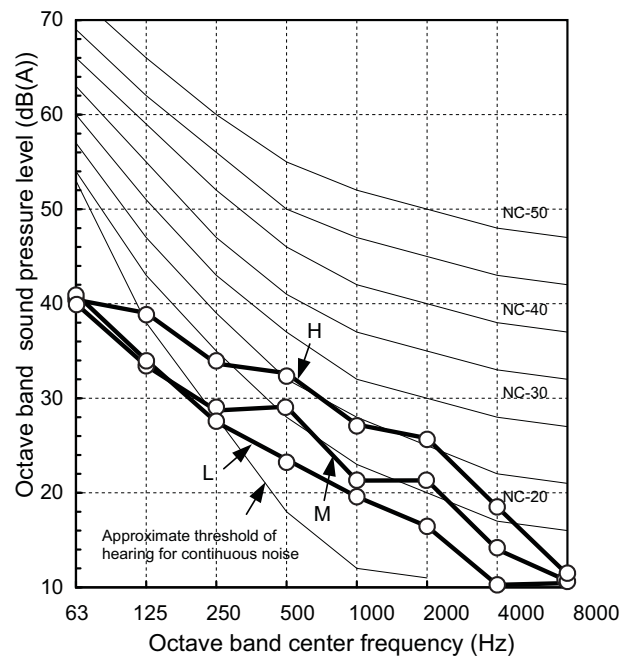
External static pressure 30 Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	33	29	25



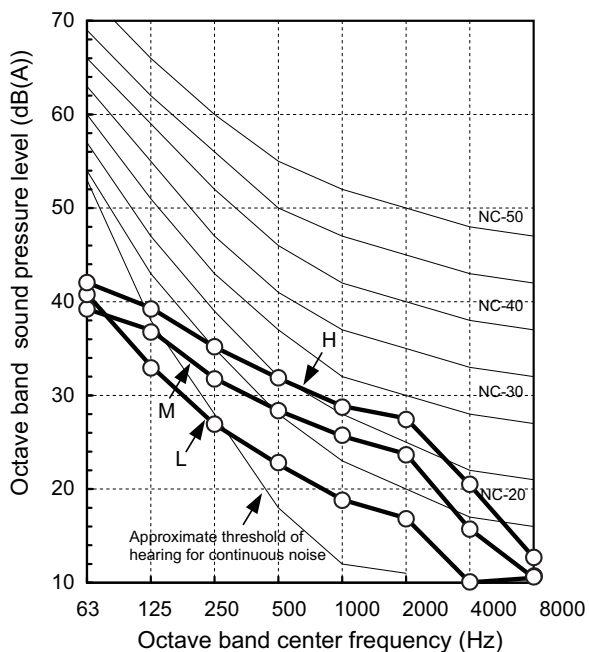
External static pressure 40 Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	34	30	26



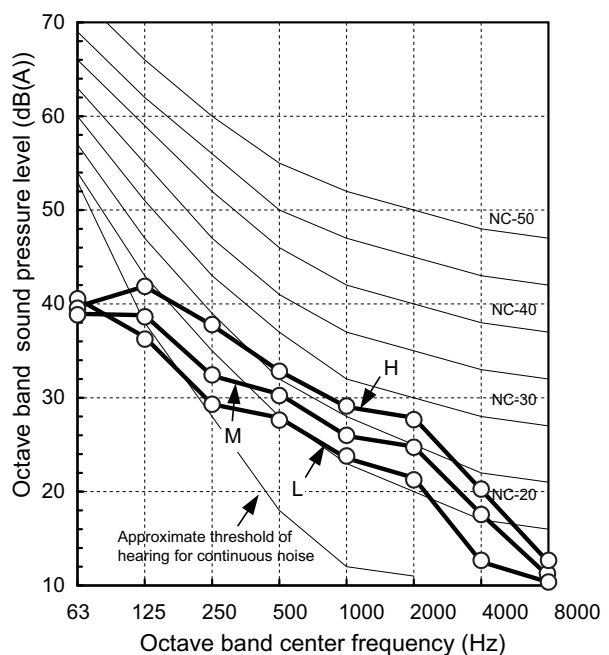
External static pressure 50 Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	35	31	26



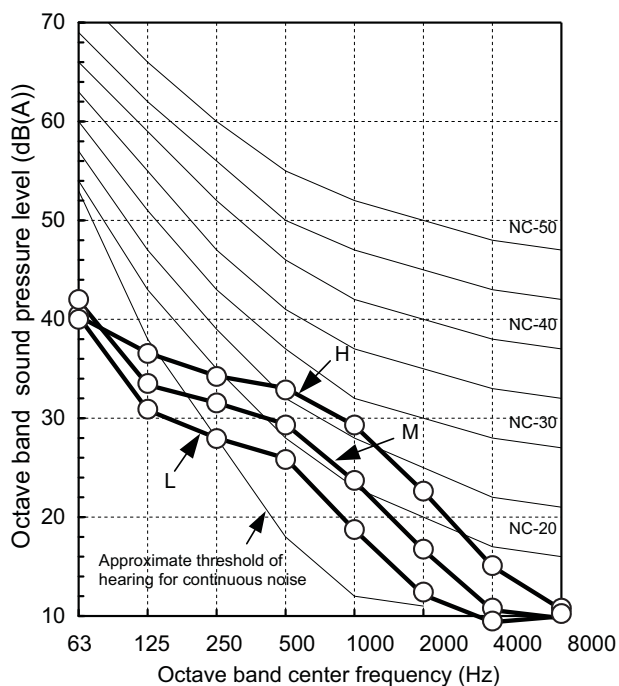
External static pressure 65 Pa

Fan tap	H	M	L
Sound pressure level (dB(A))	36	32	29



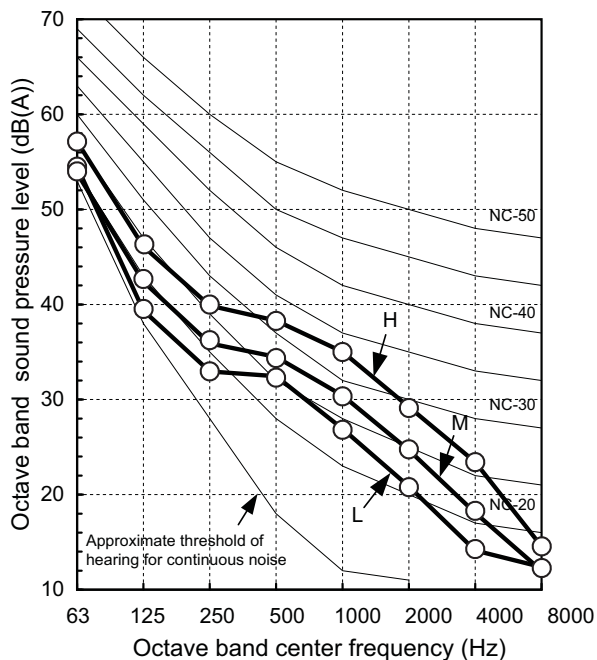
RAV-HM801BTP-E/TR

Fan tap	H	M	L
Sound pressure level (dB(A))	34	30	26



RAV-HM1101BTP-E/TR, RAV-HM1401BTP-E/TR, RAV-HM1601BTP-E/TR

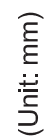
Fan tap	H	M	L
Sound pressure level (dB(A))	40	36	33

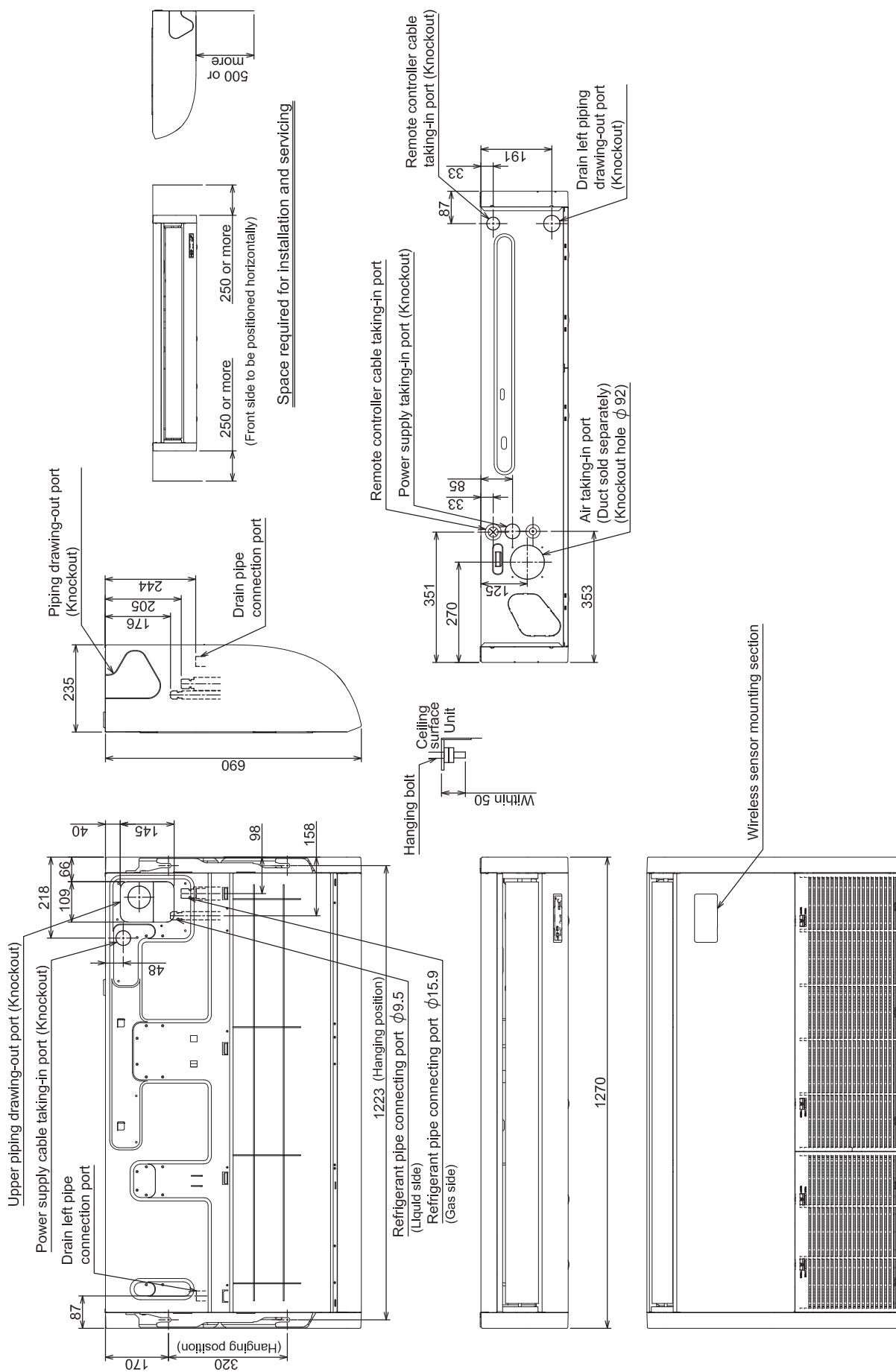


Sound power spectrum

3-4. Ceiling type

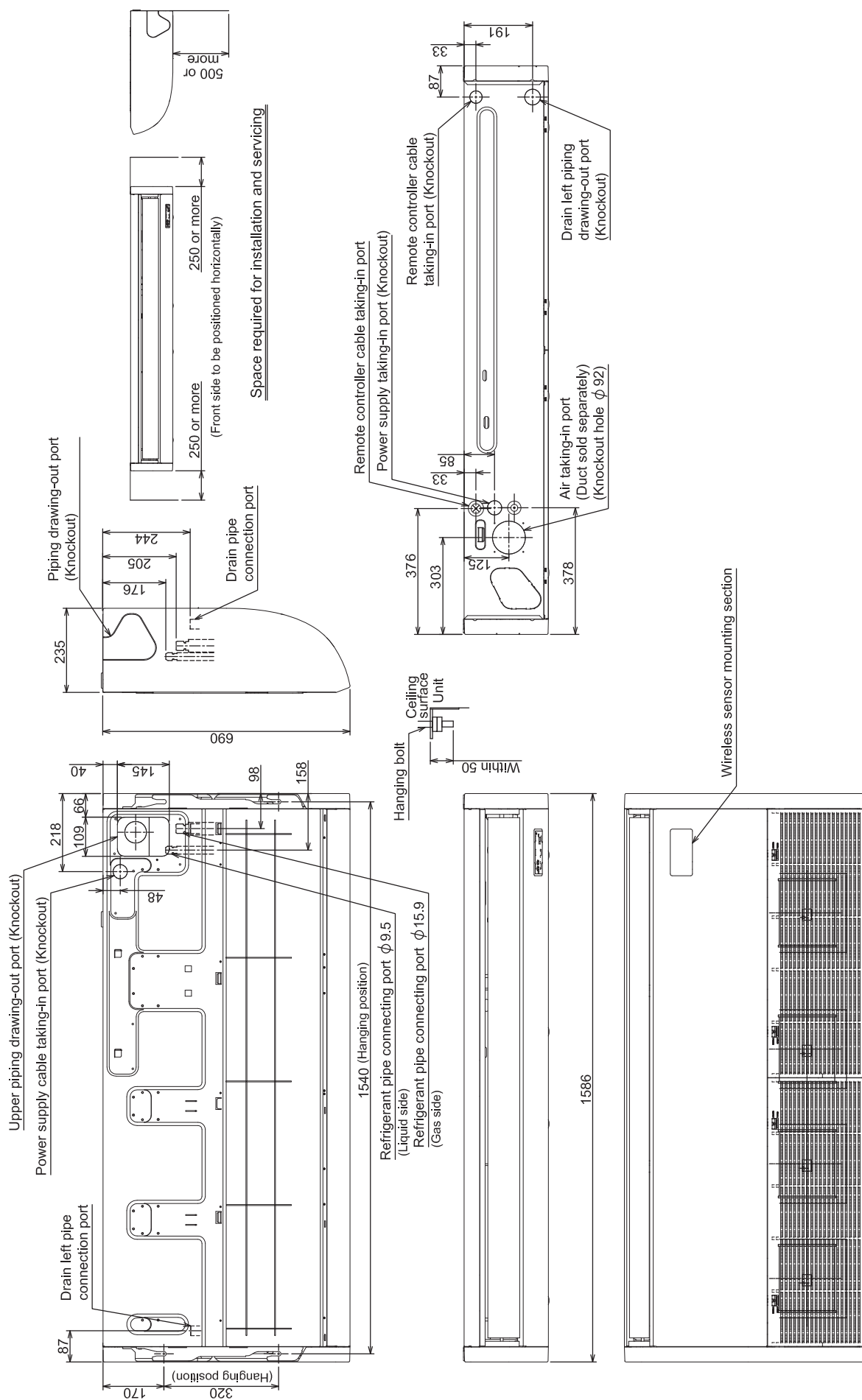
3-4-1. Dimension.	96
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RAV-HM561CTP-E/TR



(Unit: mm)

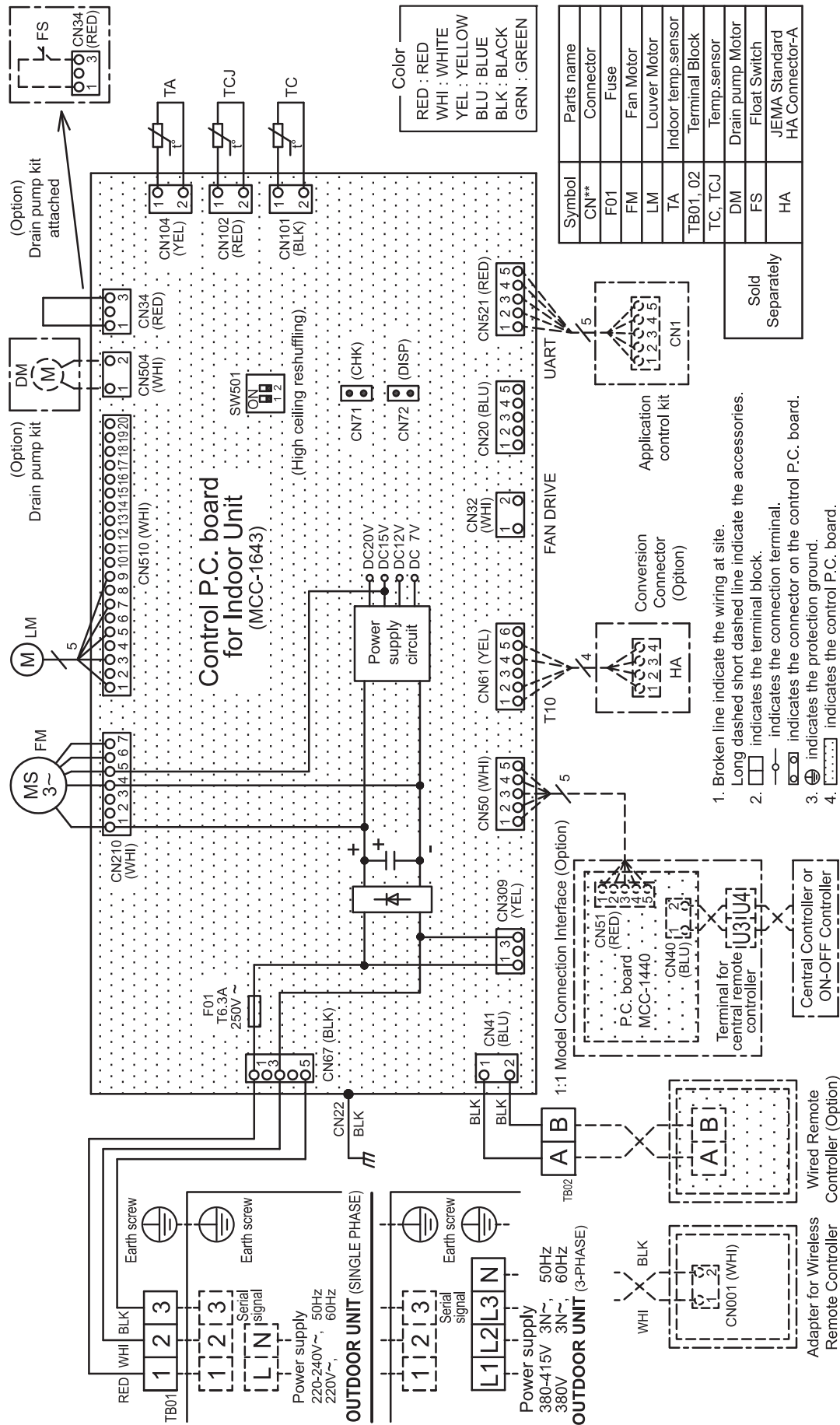
RAV-HM1101CTP-E/TR, RAV-HM1401CTP-E/TR, RAV-HM1601CTP-E/TR



(Unit: mm)

3-4-2. Wiring diagrams

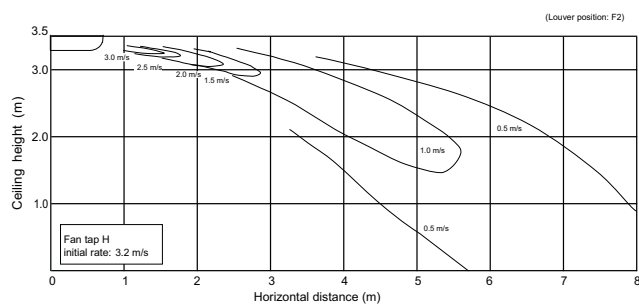
RAV-HM561CTP-E/TR, RAV-HM801CTP-E/TR, RAV-HM1101CTP-E/TR,
RAV-HM1401CTP-E/TR, RAV-HM1601CTP-E/TR



3-4-3. Air throw distance chart

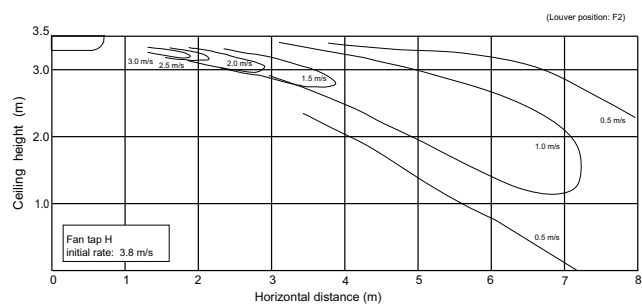
RAV-HM561CTP-E/TR

Cooling

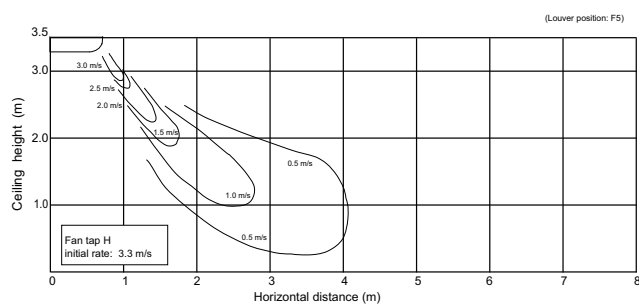


RAV-HM801CTP-E/TR

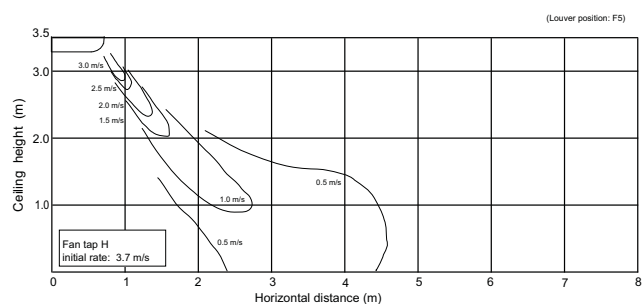
Cooling



Heating

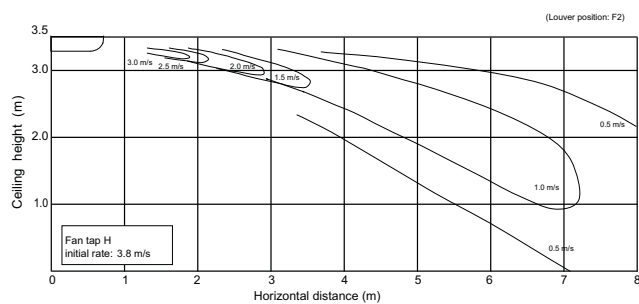


Heating



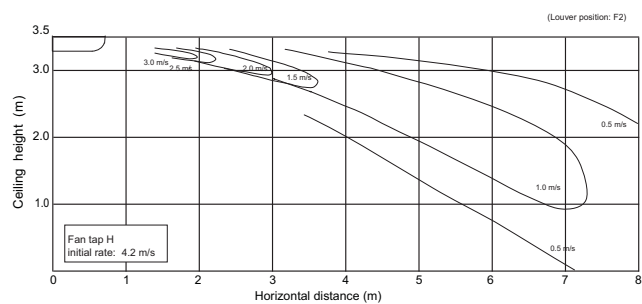
RAV-HM1101CTP-E/TR

Cooling

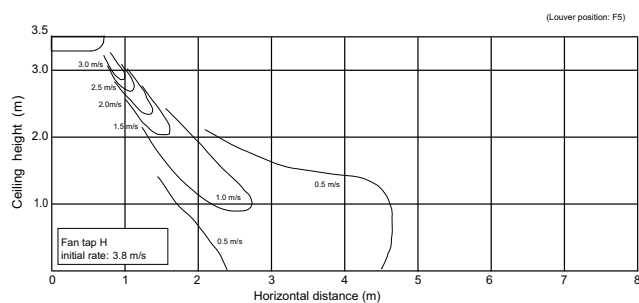


RAV-HM1401CTP-E/TR

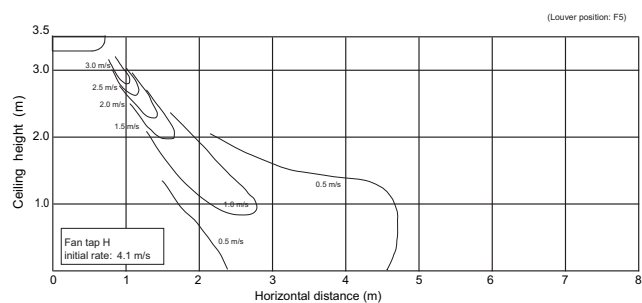
Cooling



Heating

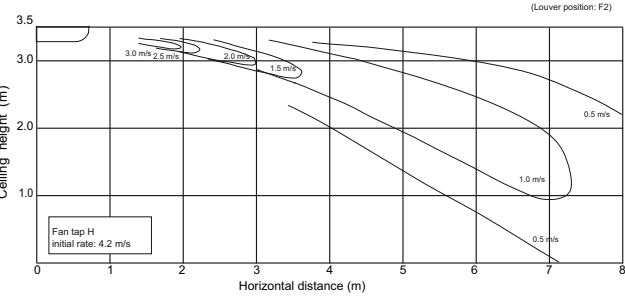


Heating

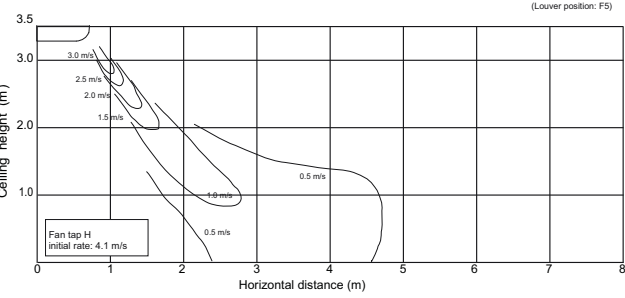


RAV-HM1601CTP-E/TR

Cooling



Heating

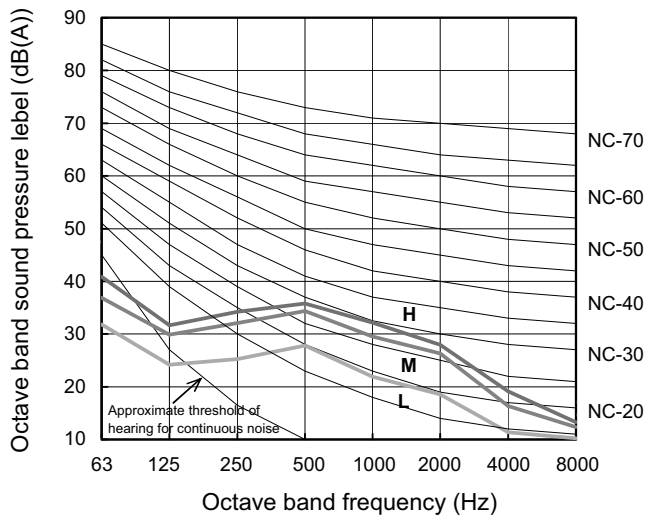


3-4-4. Sound data

NC curve

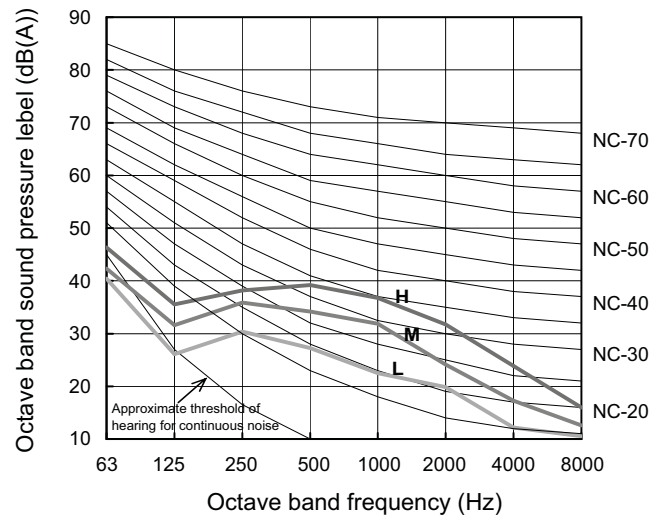
RAV-HM561CTP-E/TR

Fan tap	H	M	L
Sound pressure level (dB(A))	37	35	28



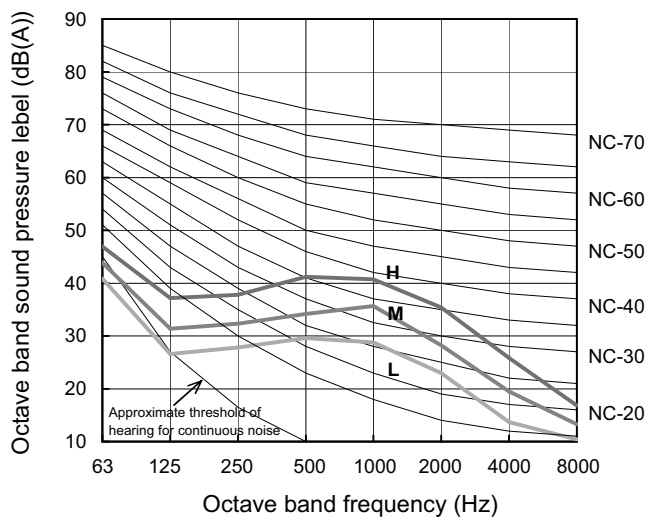
RAV-HM801CTP-E/TR

Fan tap	H	M	L
Sound pressure level (dB(A))	41	36	29



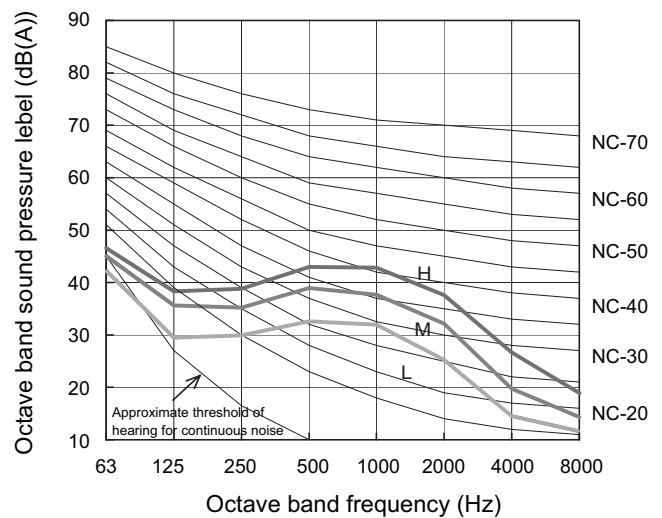
RAV-HM1101CTP-E/TR

Fan tap	H	M	L
Sound pressure level (dB(A))	44	38	32



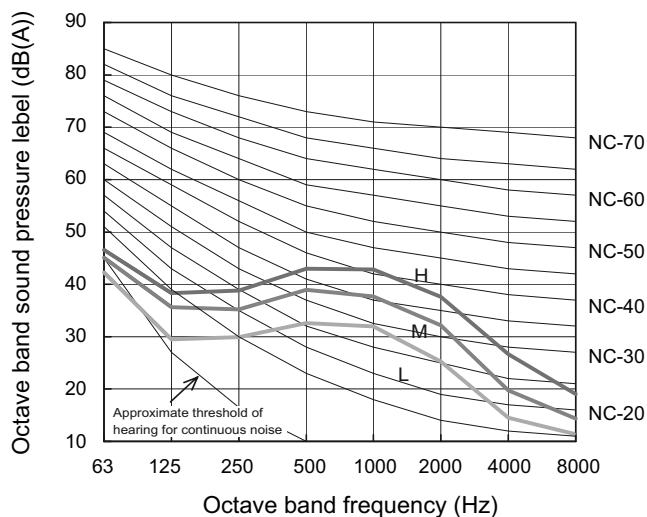
RAV-HM1401CTP-E/TR

Fan tap	H	M	L
Sound pressure level (dB(A))	46	41	35



RAV-HM1601CTP-E/TR

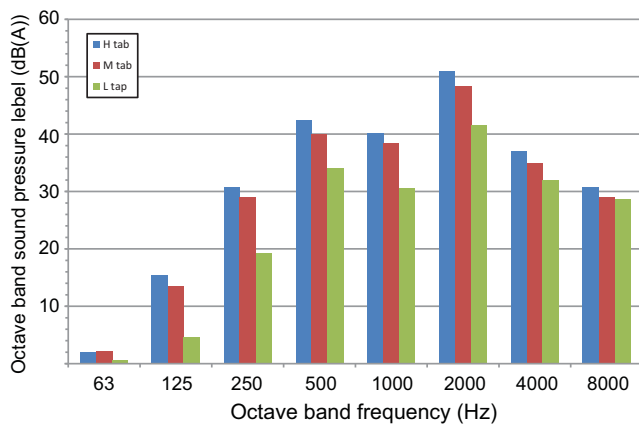
Fan tap	H	M	L
Sound pressure level (dB(A))	46	42	36



Sound power spectrum

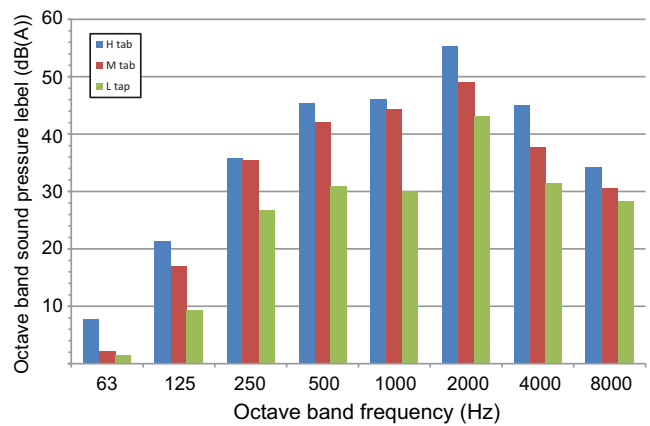
RAV-HM561CTP-E/TR

Fan tap	H	M	L
Sound power level (dB(A))	52	50	43



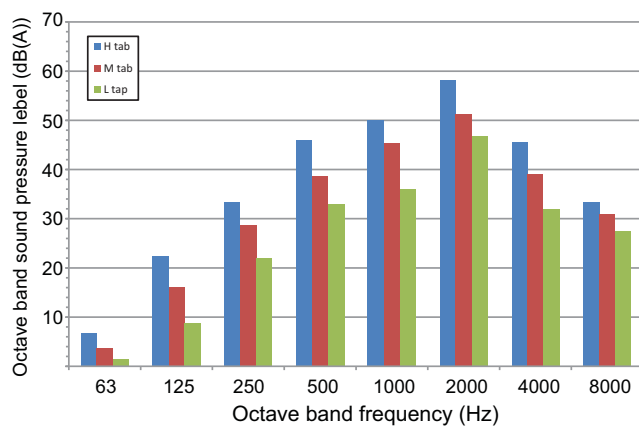
RAV-HM801CTP-E/TR

Fan tap	H	M	L
Sound power level (dB(A))	56	51	44



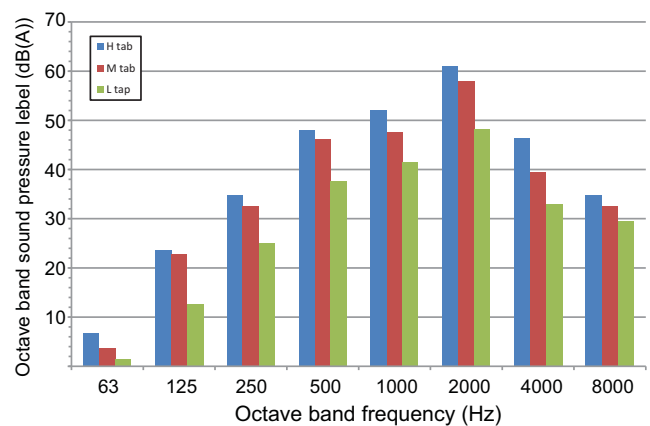
RAV-HM1101CTP-E/TR

Fan tap	H	M	L
Sound power level (dB(A))	59	53	47



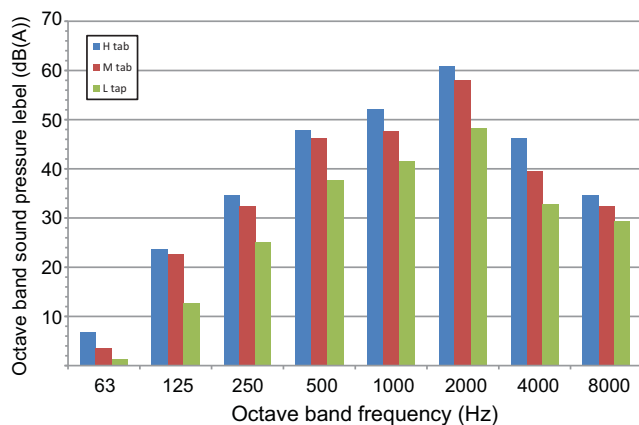
RAV-HM1401CTP-E/TR

Fan tap	H	M	L
Sound power level (dB(A))	61	56	50



RAV-HM1601CTP-E/TR

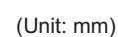
Fan tap	H	M	L
Sound power level (dB(A))	61	56	50

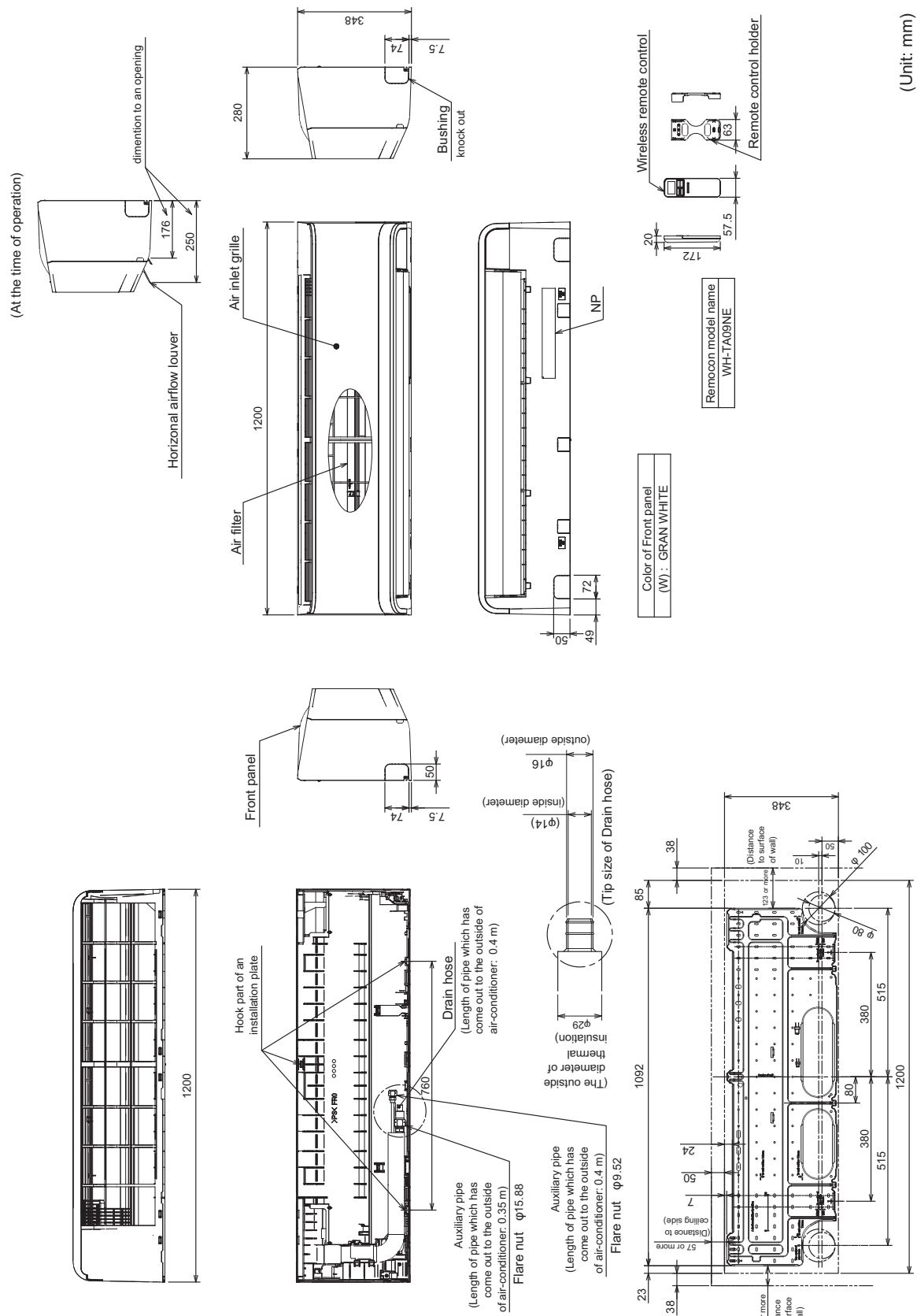


3-5. High wall type

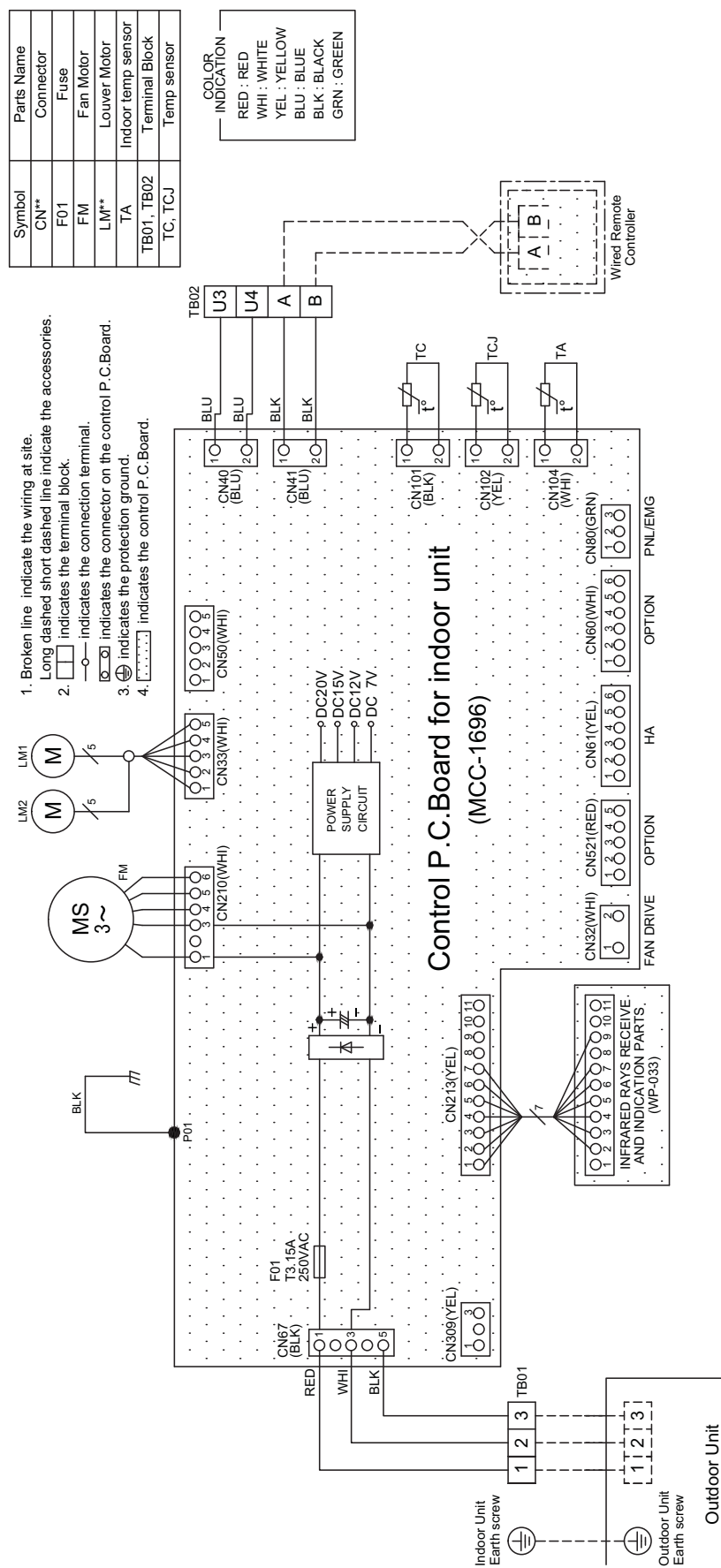
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3-5-3. Air throw distance chart	109
3-5-4. Sound data	112

RAV-HM561KRTP-E/TR, RAV-HM801KRTP-E/TR





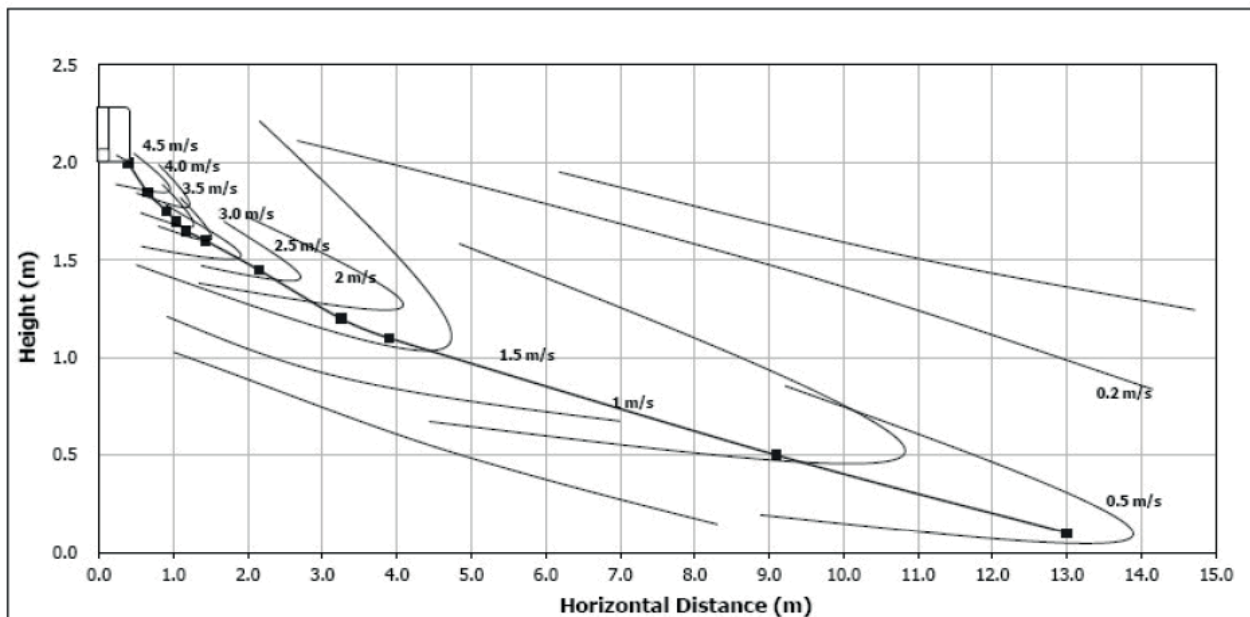
(Unit: mm)



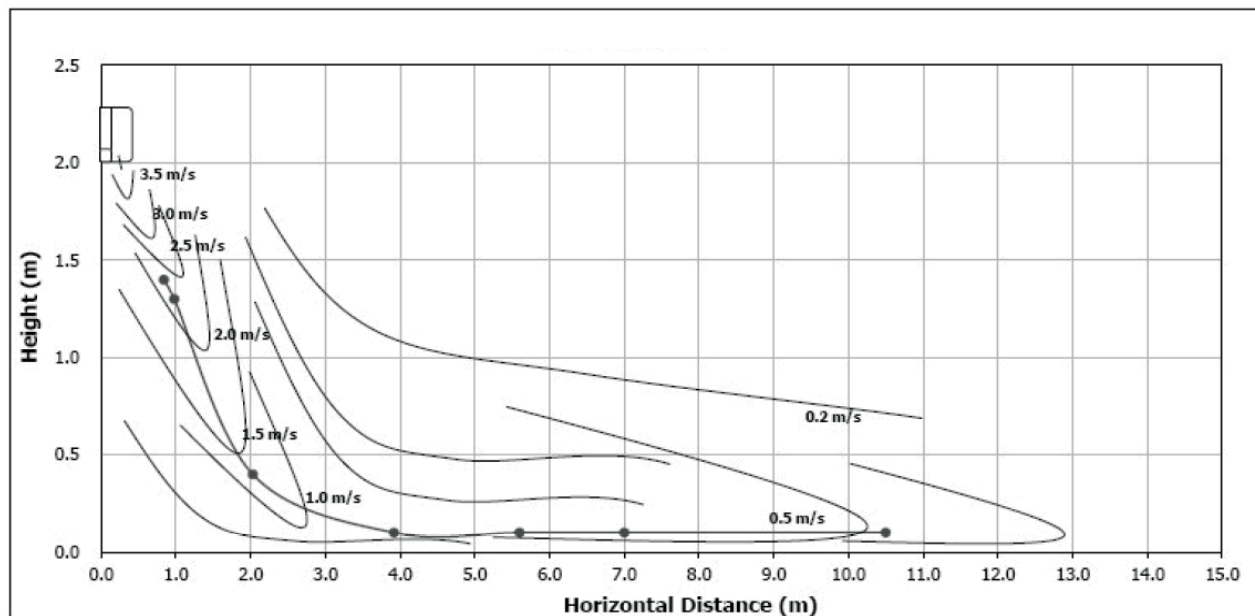
3-5-3. Air throw distance chart

RAV-HM561KRTP-E/TR

Cooling

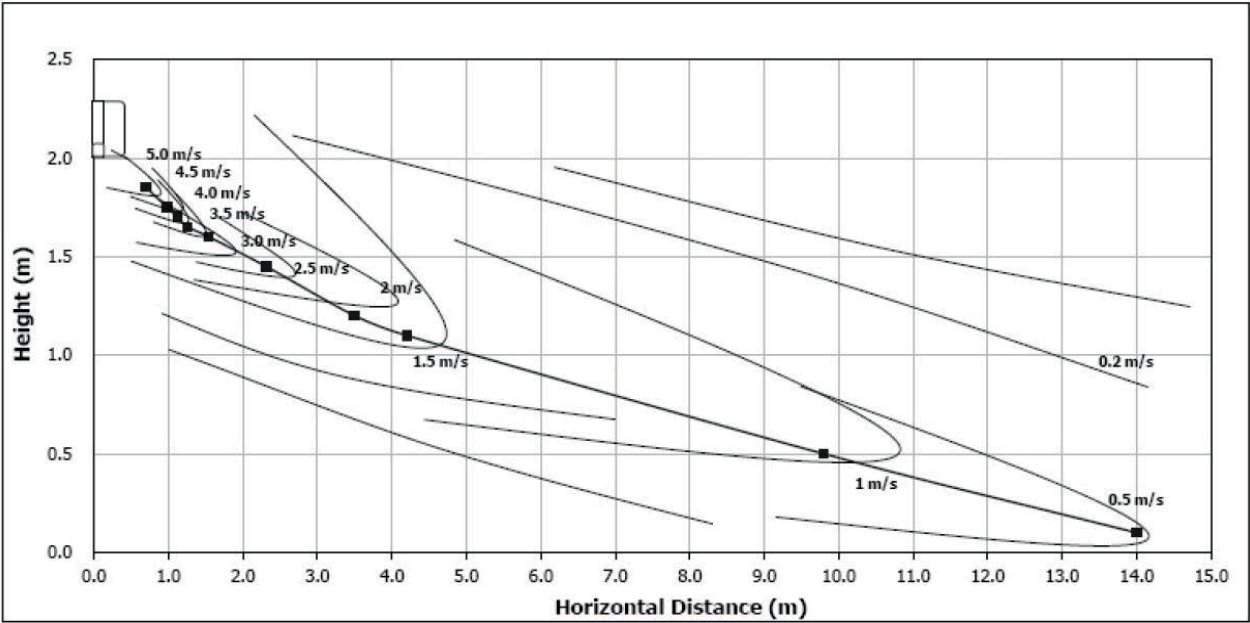


Heating

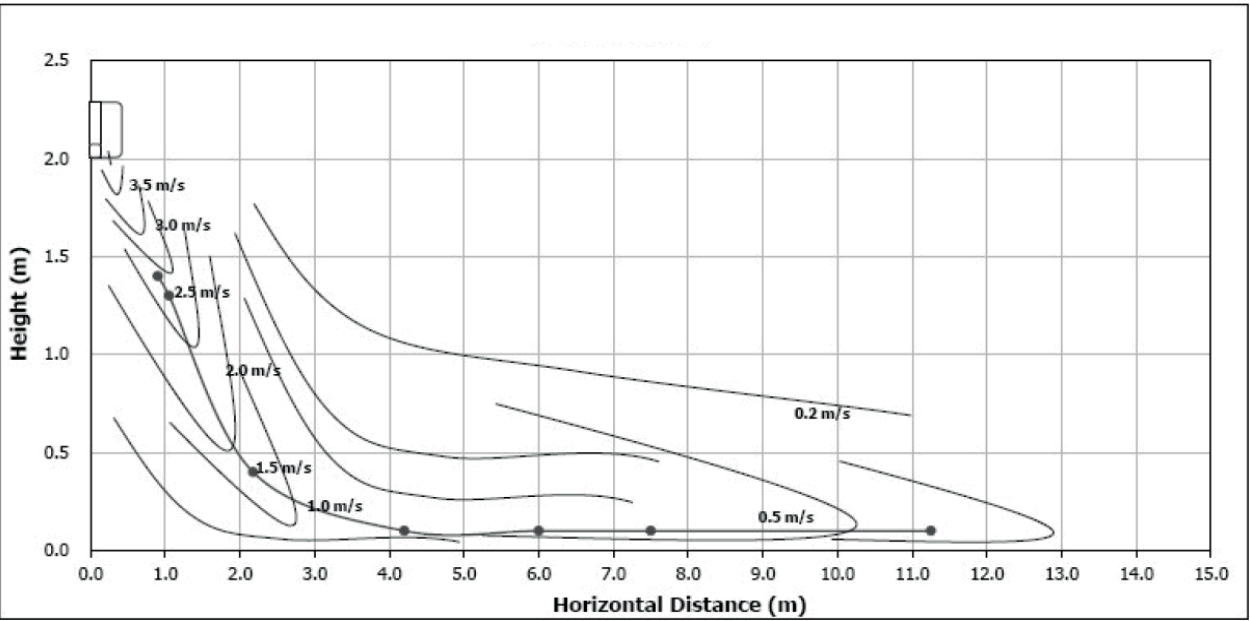


RAV-HM801KRTP-E/TR

Cooling

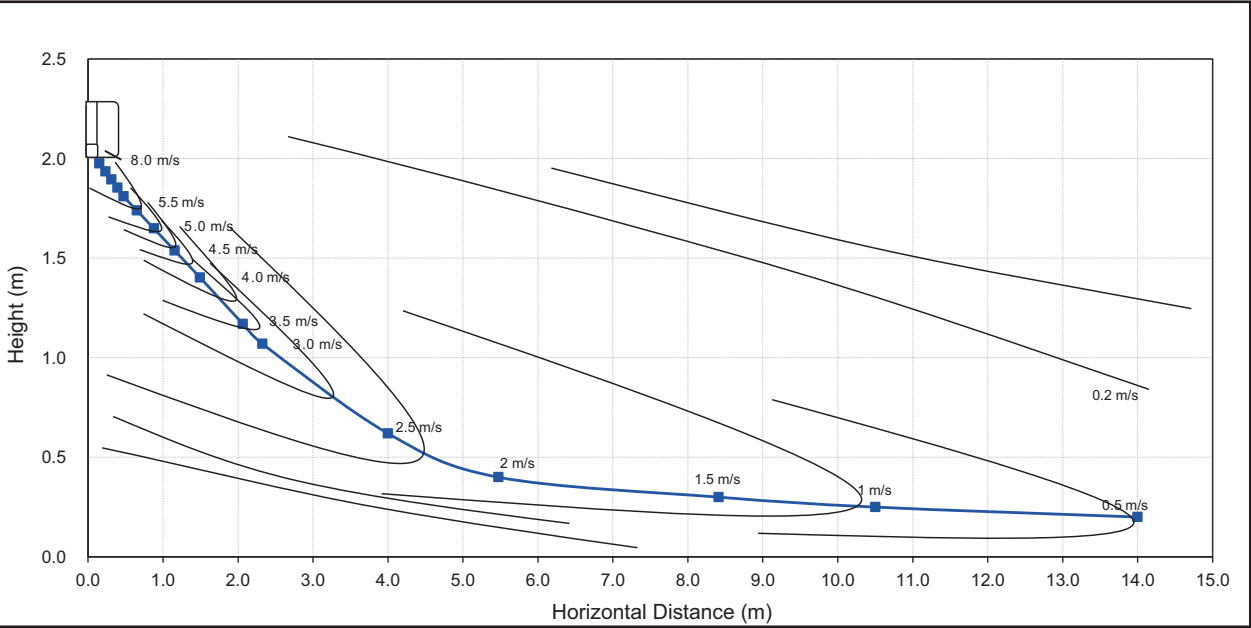


Heating

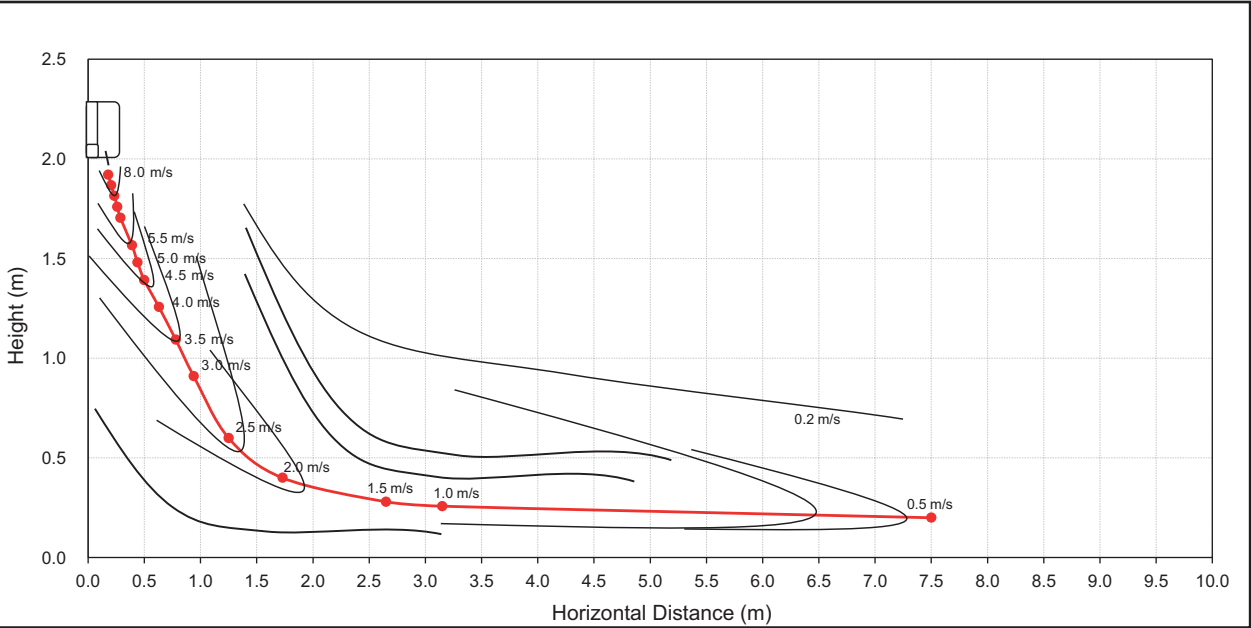


RAV-HM1101KRTP-E/TR

Cooling



Heating

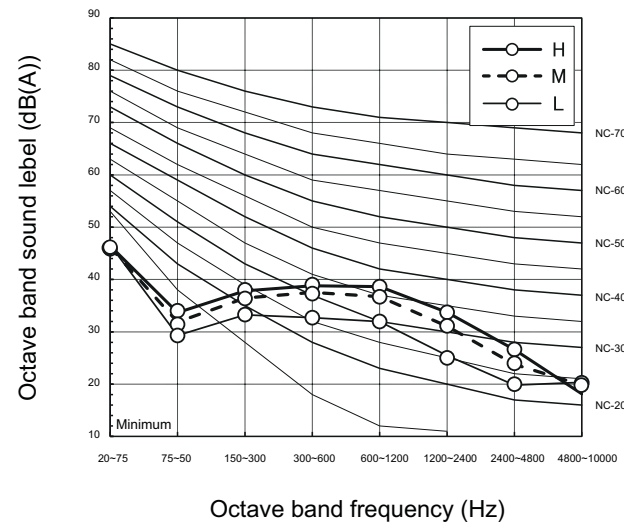


3-5-4. Sound data

NC curve

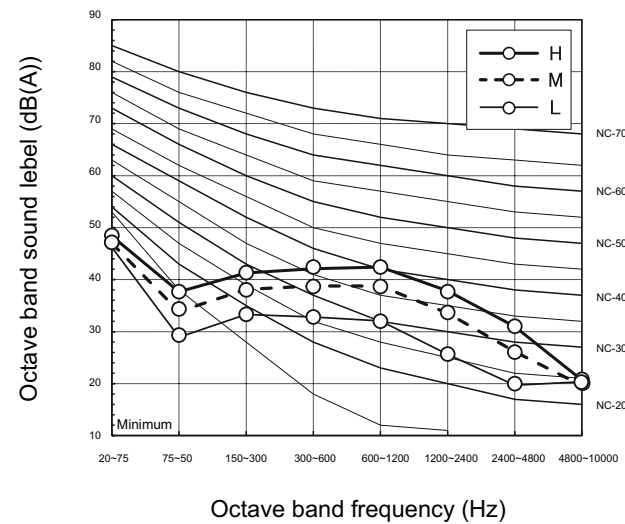
RAV-HM561KRTP-E/TR

Fan tap	H	M	L
Sound pressure level (dB(A))	42	39	35



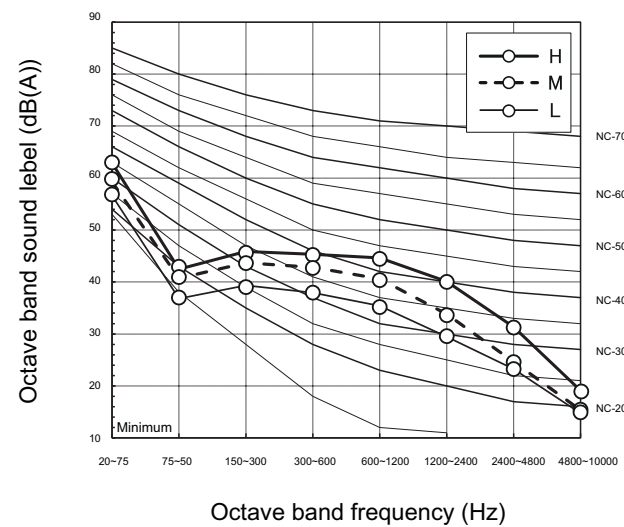
RAV-HM801KRTP-E/TR

Fan tap	H	M	L
Sound pressure level (dB(A))	45	41	35



RAV-HM1101KRTP-E/TR

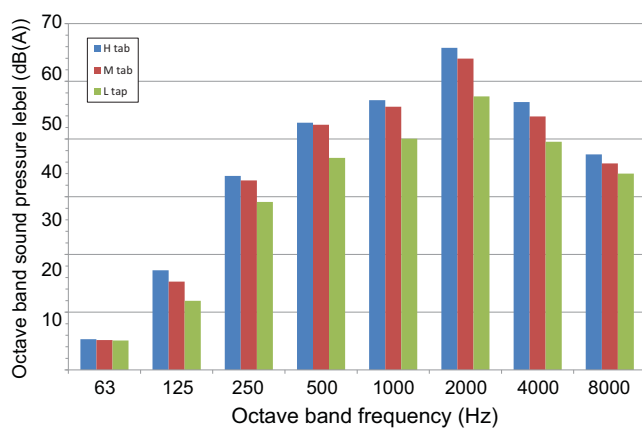
Fan tap	H	M	L
Sound pressure level (dB(A))	49	45	41



Sound power spectrum

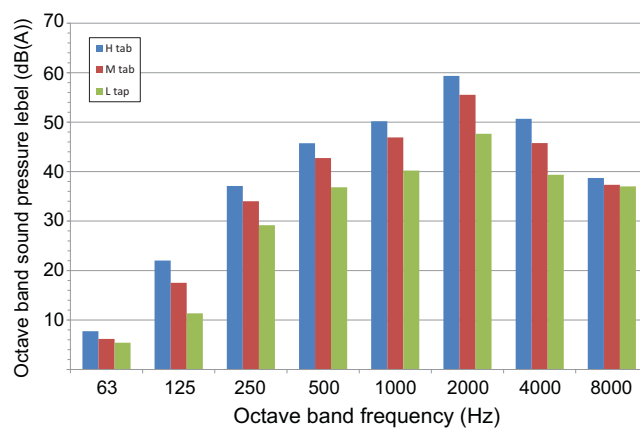
RAV-HM561KRTP-E/TR

Fan tap	H	M	L
Sound power level (dB(A))	57	54	50



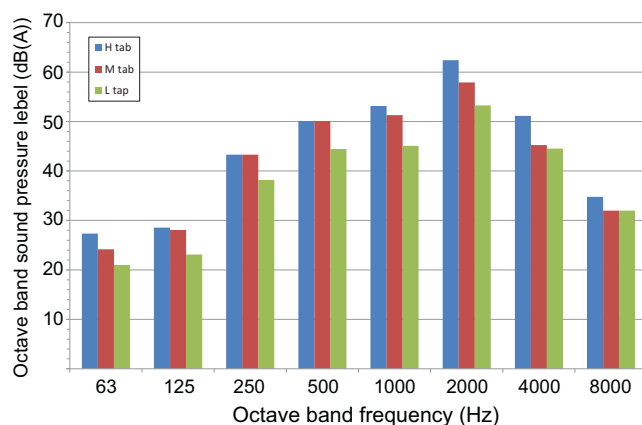
RAV-HM801KRTP-E/TR

Fan tap	H	M	L
Sound power level (dB(A))	60	56	50



RAV-HM1101KRTP-E/TR

Fan tap	H	M	L
Sound power level (dB(A))	64	60	56

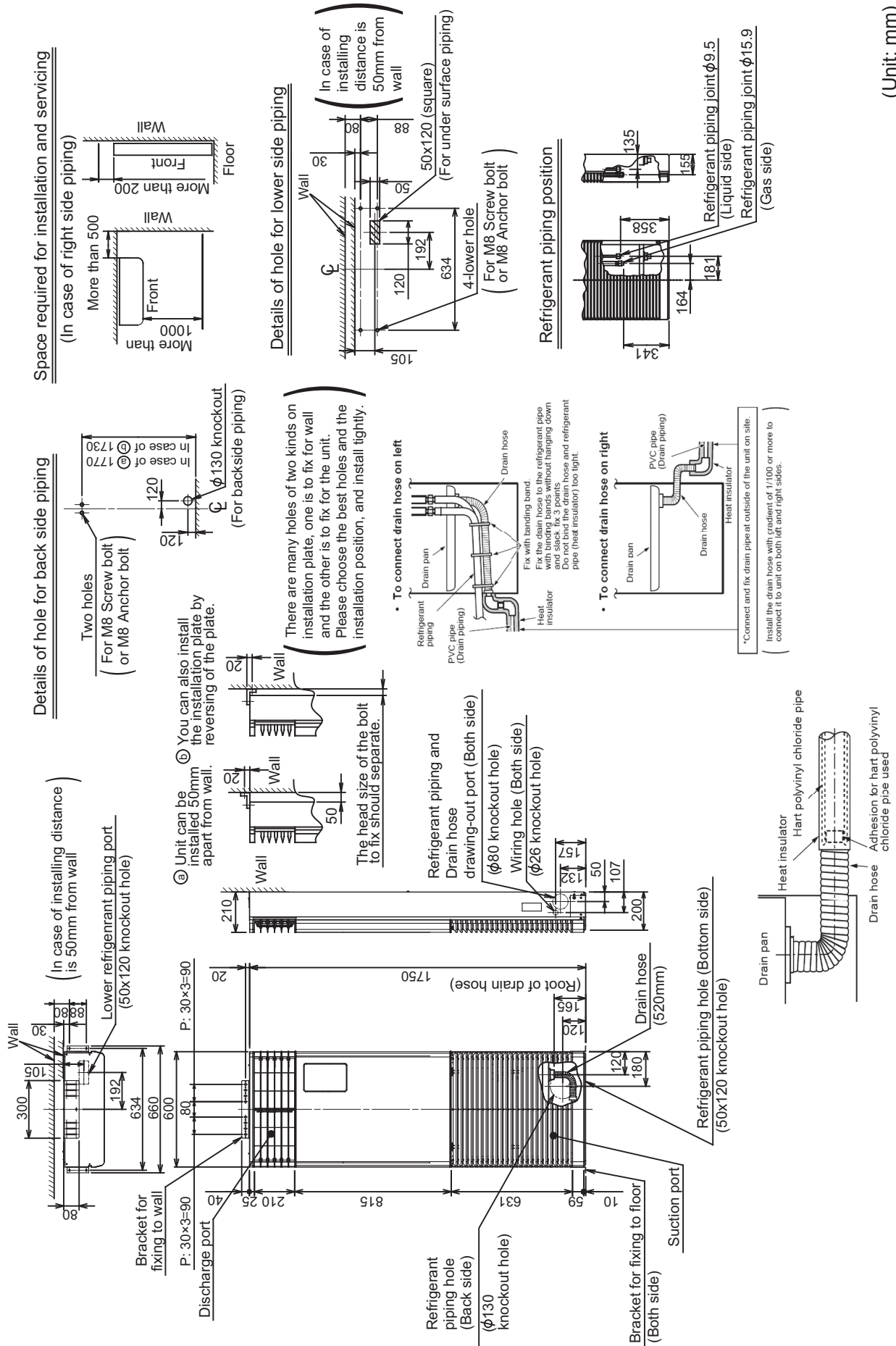


3-6. Floor standing type

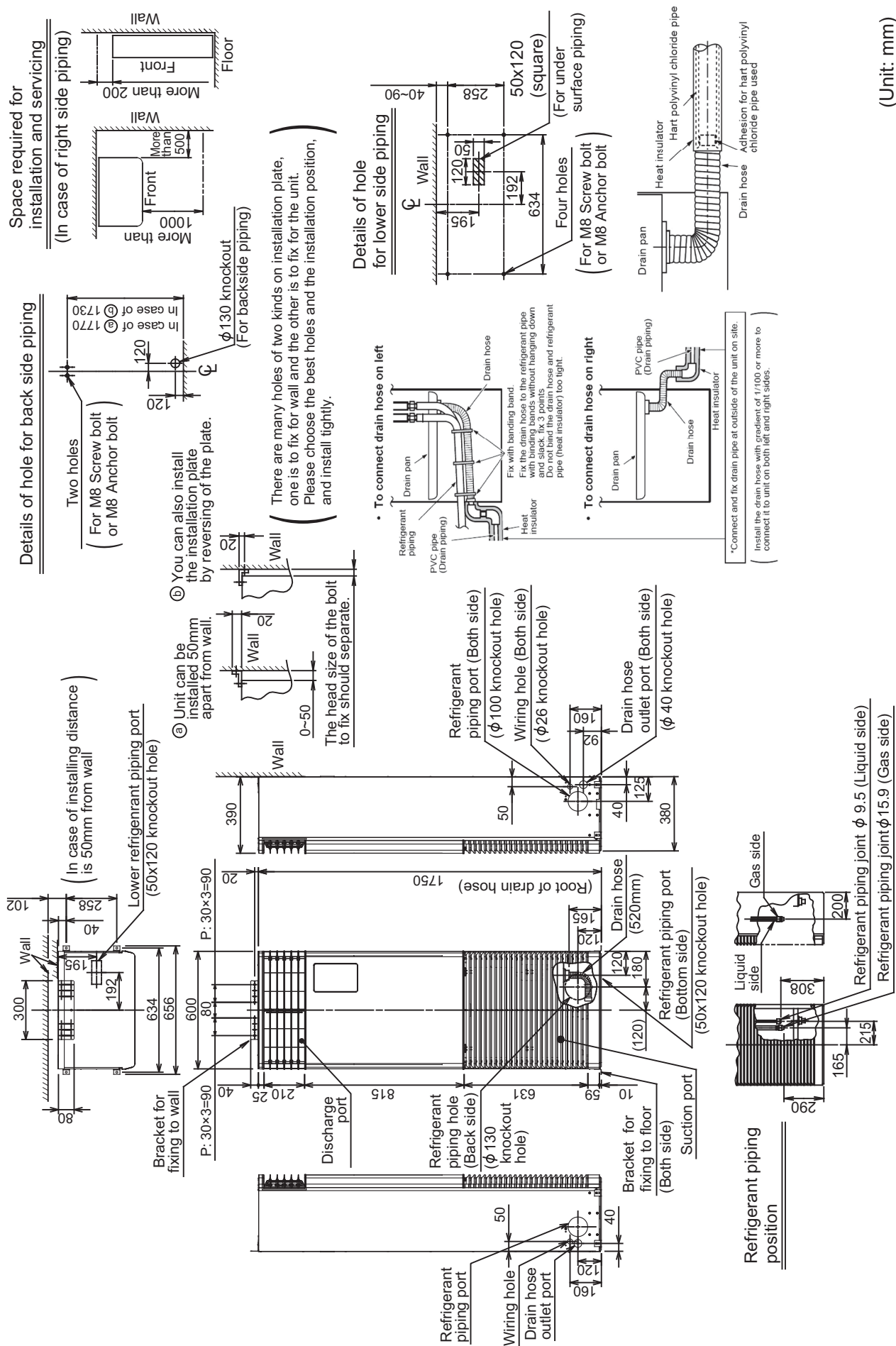
3-6-1. Dimension.	115
3-6-2. Wiring diagrams	118
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RAV-HM561FT-E/TR



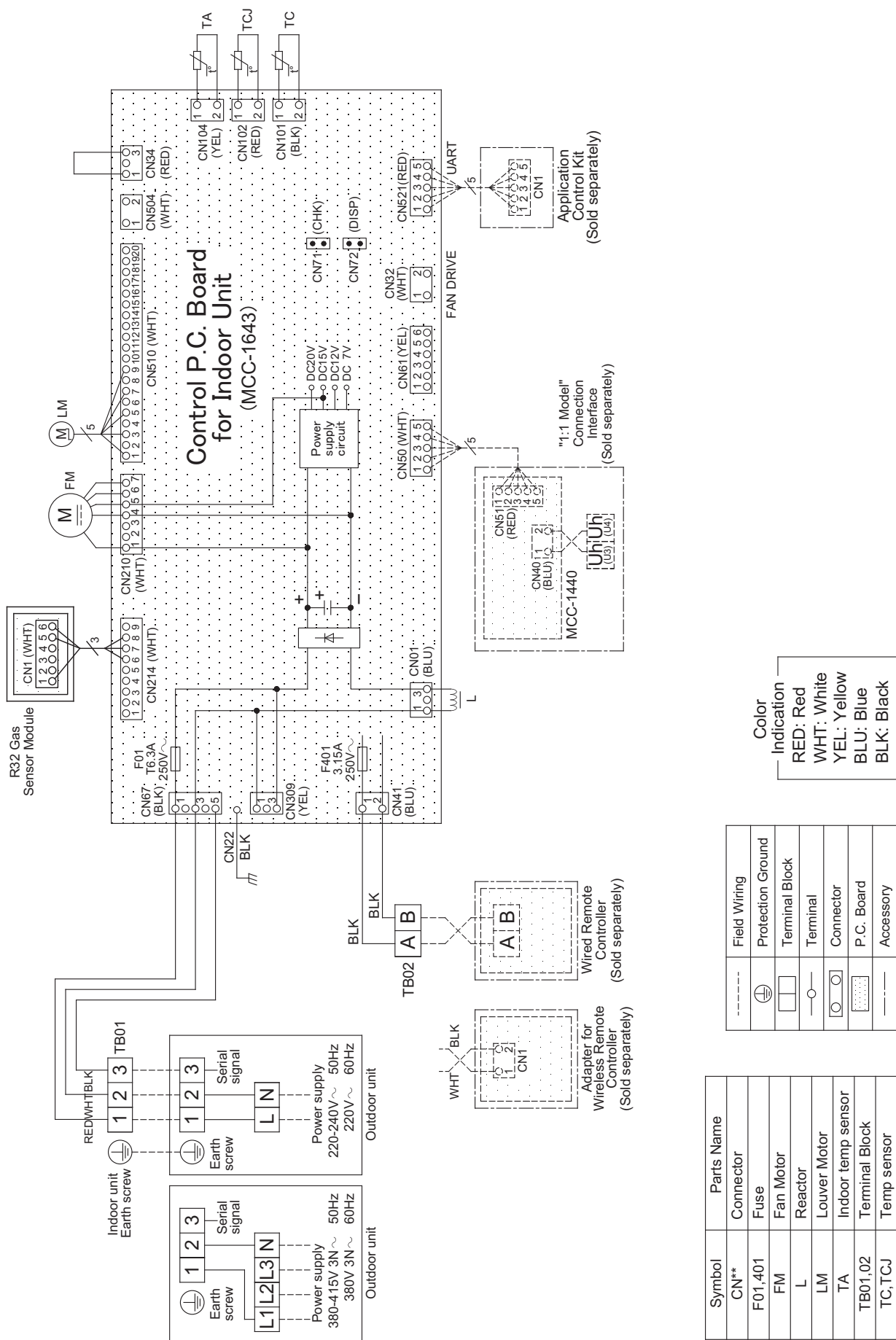


(Unit: mm)



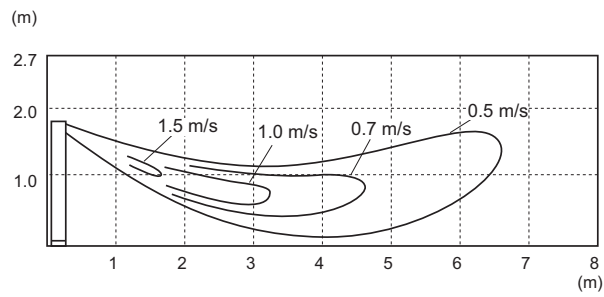
3-6-2. Wiring diagrams

RAV-HM561FT-E/TR, RAV-HM801FT-E/TR, RAV-HM1101FT-E/TR, RAV-HM1401FT-E/TR, RAV-HM1601FT-E/TR

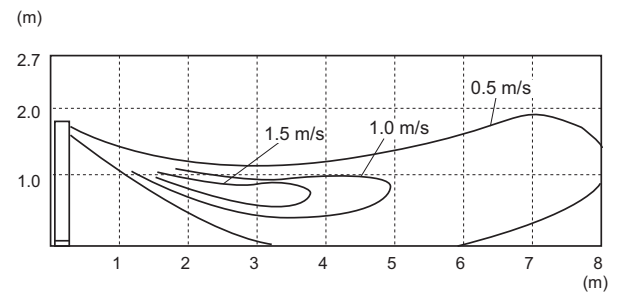


3-6-3. Air throw distance chart

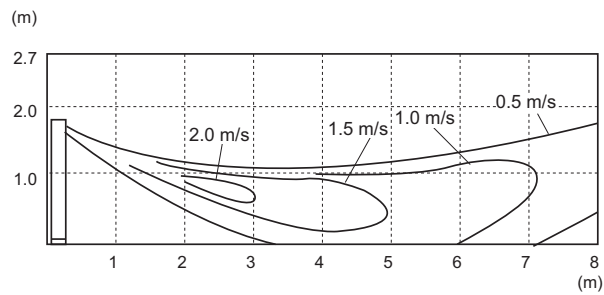
RAV-HM561FT-E/TR



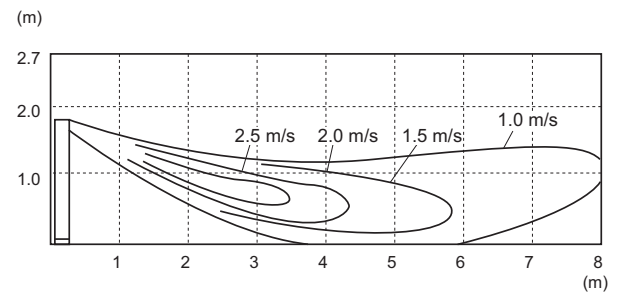
RAV-HM801FT-E/TR



RAV-HM1101FT-E/TR

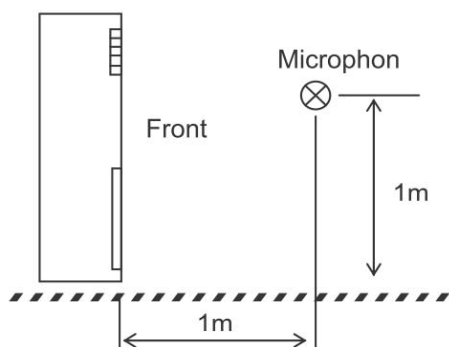


RAV-HM1401FT-E/TR, RAV-HM1601FT-E/TR



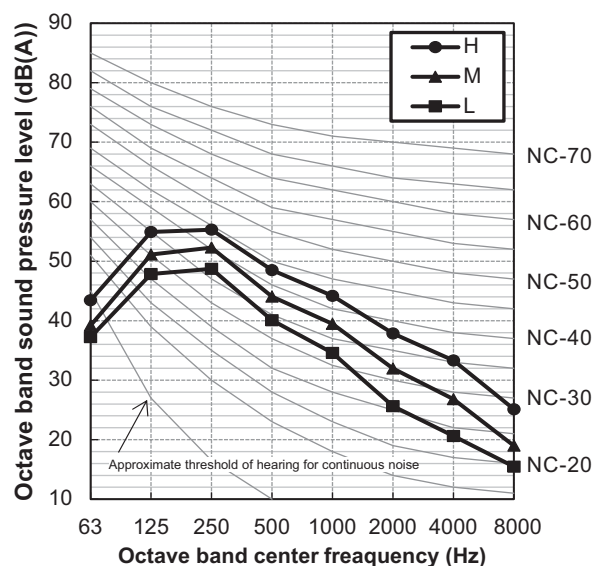
3-6-4. Sound data

NC curve



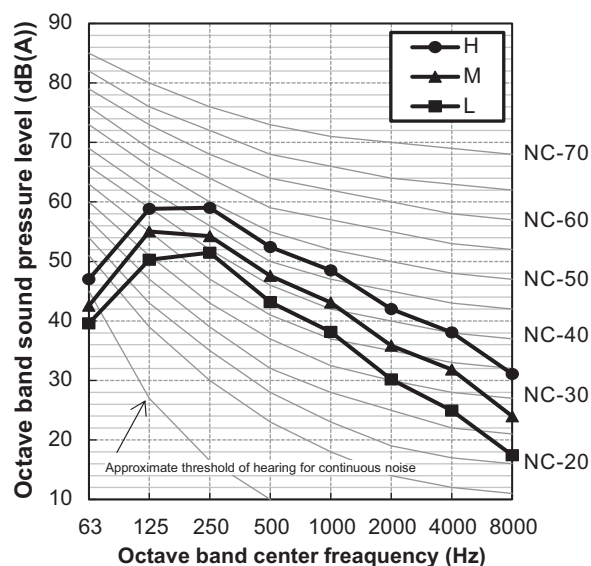
RAV-HM561FT-E/TR

Fan tap	H	M	L
Sound pressure level (dB(A))	46	42	38



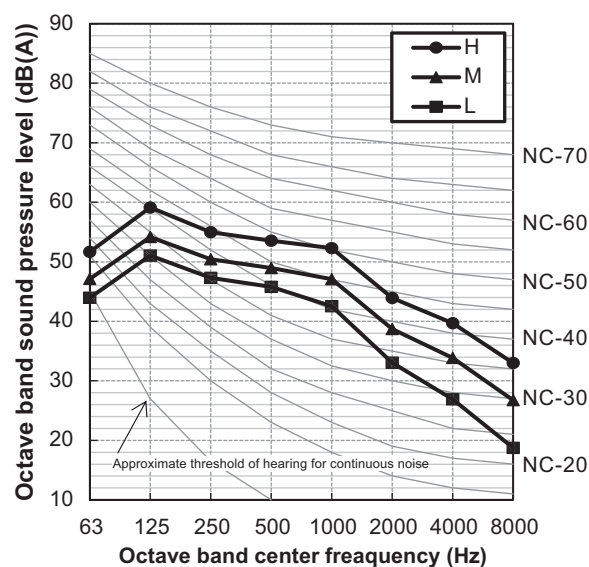
RAV-HM801FT-E/TR

Fan tap	H	M	L
Sound pressure level (dB(A))	50	45	41



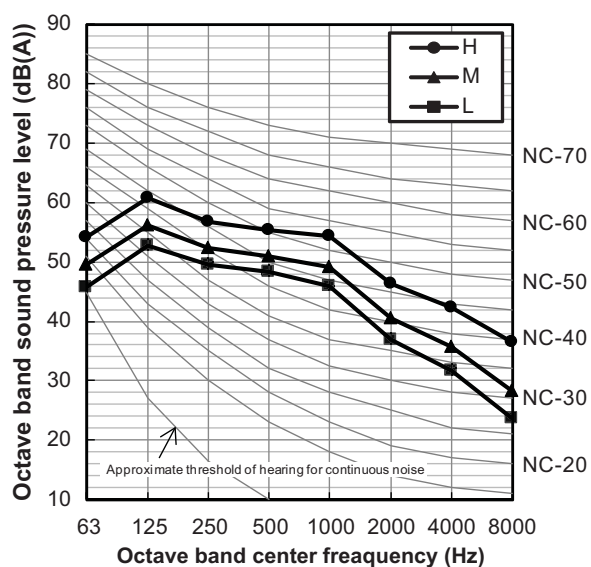
RAV-HM1101FT-E/TR

Fan tap	H	M	L
Sound pressure level (dB(A))	51	46	41



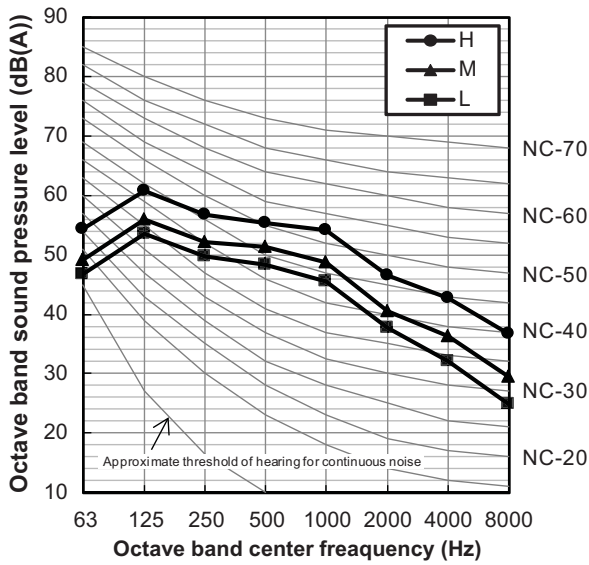
RAV-HM1401FT-E/TR

Fan tap	H	M	L
Sound pressure level (dB(A))	53	48	45



RAV-HM1601FT-E/TR

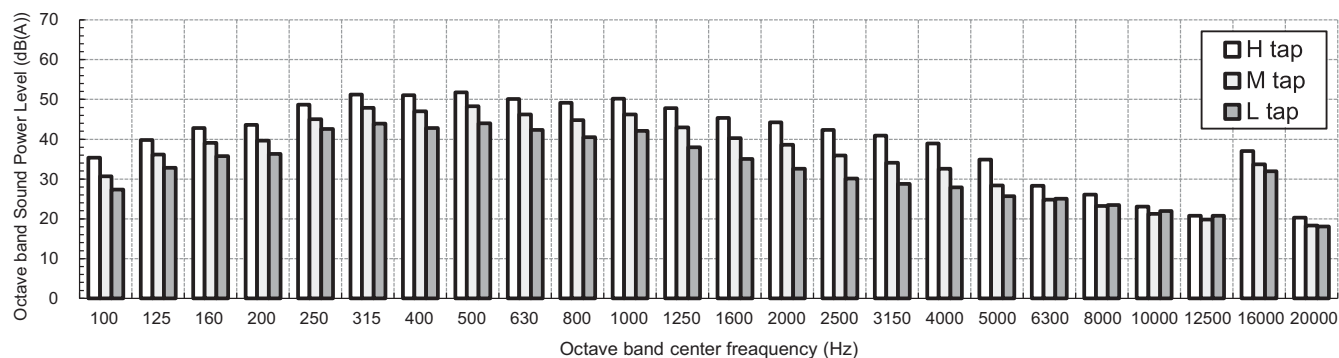
Fan tap	H	M	L
Sound pressure level (dB(A))	53	48	45



Sound power spectrum

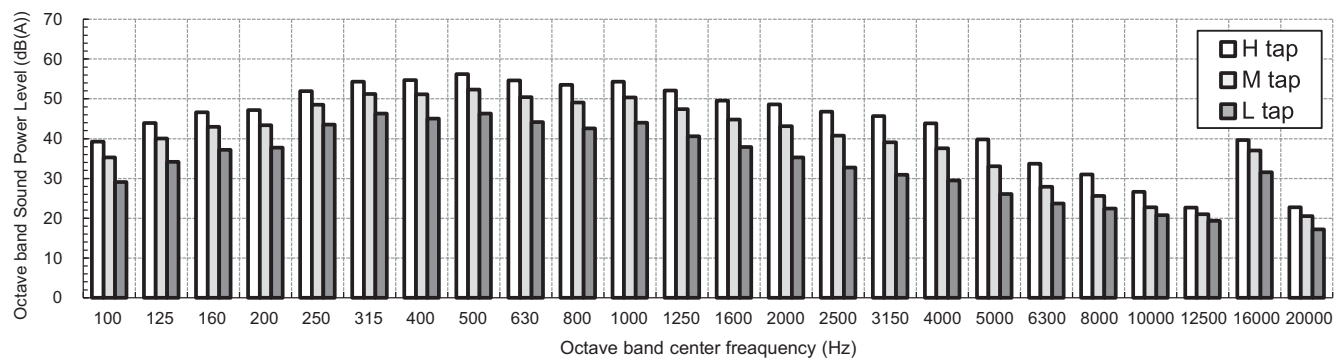
RAV-HM561FT-E/TR

Fan tap	H	M	L
Sound power level (dB(A))	60	56	52



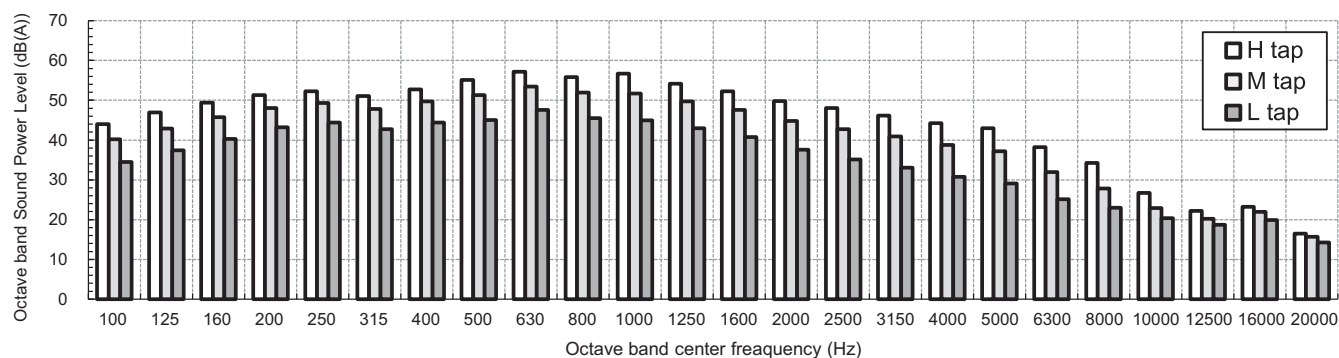
RAV-HM801FT-E/TR

Fan tap	H	M	L
Sound power level (dB(A))	64	60	54



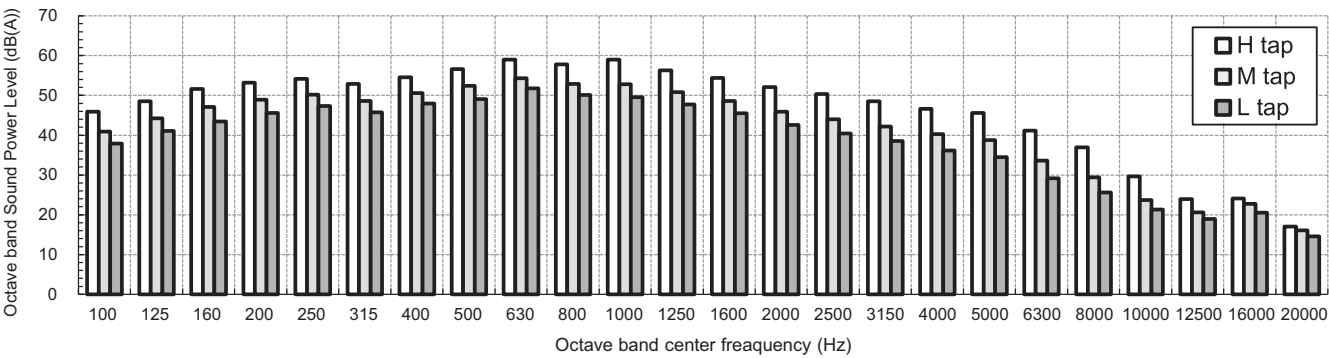
RAV-HM1101FT-E/TR

Fan tap	H	M	L
Sound power level (dB(A))	65	61	55



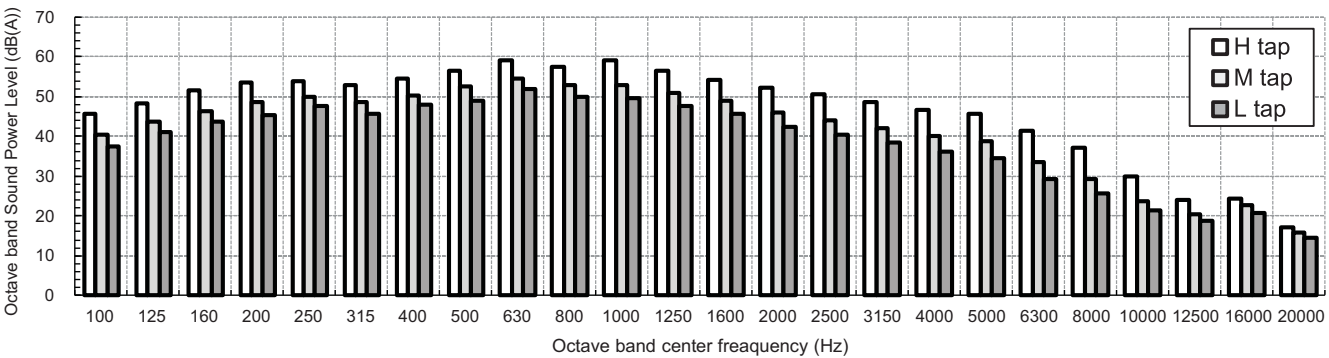
RAV-HM1401FT-E/TR

Fan tap	H	M	L
Sound power level (dB(A))	67	62	59



RAV-HM1601FT-E/TR

Fan tap	H	M	L
Sound power level (dB(A))	67	62	59



3-6-5. Option parts

Parts name	Model name	Applied model	Notes
Cover kit	TCB-CKC1F-E	RAV-HM_FT-__	Necessary if the remote control is not attached.

Toshiba Carrier Corporation